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Lancaster Farming

Vol. 17 No. 6 | Lancaster Farming, Saturday, January 1, 1972 | $2.00 Per Year

Farm Calendar

Saturday, January 1
Happy New Year!

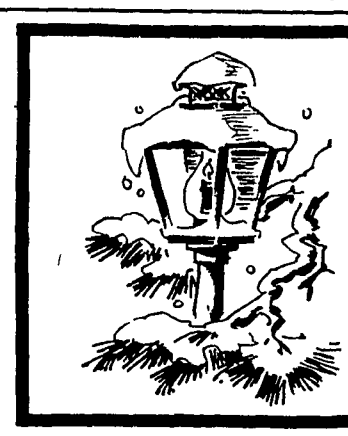
Monday, January 3
7 p m — Lancaster County Farmers Association kick-off dinner, Farm and Home Center
8 p m — Lancaster County Poultry Association board of directors, Farm and Home Center

Tuesday, January 4
1 30 p m — Lancaster County Dairy Day committee meeting, Farm and Home Center
7:30 p m — Ephrata Young Farmers Corn Program summary, vo-ag department, Ephrata Area High School
7 30 p m — Penn Manor Young Farmers monthly meeting, Ladies night, vo-ag room, Penn Manor High School
Garden Spot Young Farmers recreation night, Garden Spot High School

Wednesday, January 5
4:30 p.m. — Lancaster County Vocational Agriculture Teachers Association meeting, New Holland.
7:30 p.m. — Lancaster County Soil and Water Conservation District meeting, Farm and Home Center.
Red Rose 4-H Baby Beef and Lamb Club, Farm and Home Center.

Thursday, January 6
1:30 p.m. — Lancaster County FFA and Adult Tobacco Show Farm and Home Center.
1:30 p.m. — Southeastern Pennsylvania Nursery meeting, Holiday Inn, King of Prussia.

Saturday, January 8
8 p.m — Fulton Grange youth bowling party, Garden Spot Bowl.



Joyous New Year

PennAg Industries Assn. Is a New Year's Baby

PennAg Industries Association will come into being on New Year's Day, 1972

It's not really a New Year's Baby, but more like a Father Time who changed his name

PennAg Industries Association is the new name for a 93 year-old organization known as the Pennsylvania Millers and Feed Dealers Association, the oldest active trade association of feed and flour mills in the United States

John J Hess II, Hess' Mill, Paradise, takes office on January 1, replacing John B Pritts, Canonsburg Milling Co , Canonsburg, Pa

In commenting on the name change, Hess said, "The name 'PennAg Industries Association' more aptly defines the broadened scope of both the activity and the membership, which includes firms in the agribusiness community Usually these businesses sell to or buy from agricultural producers, but in a larger sense they also represent a total systems approach to agriculture and food production

"The change reflects the decision by our Board of Directors and membership to look forward rather than backward, as rich as that heritage may be," Hess continued

The original charter dates back to 1878 when the organization was "The Pennsylvania Millers' State Association" reflecting the existence of many flour mills Numerous Pennsylvania cities and streets still bear the name of the mill located there

Even today Pennsylvania has more flour mills than any other state, but the rapid growth of the infant feed industry in the late 1920's and its incorporation into the operation of many flour mills occasioned the name change of the organization to the "Pennsylvania Millers & Feed Dealers Association" in 1931

Headquarters for the PennAg organization continues in Ephrata

Max Smith Reports:

Penn State Opposes Liquid Manure Systems

Penn State University agricultural personnel are not recommending that farmers develop liquid manure systems, reports Max Smith, Lancaster County ag agent.

Smith made the comment last week following a special Environmental Education Conference at the Penn State campus recently

Recently, the Lancaster County Agricultural Stabalization and Conservation Service announced it has funds available to assist farmers in construction of liquid manure holding pits.

But Penn State poultry officials during the past year or two have been pioneers in developing a new drying system. They increasingly maintain that drying is the only way for the poultry industry to go to solve all its problems, including odor

Now, Smith reports, Penn State dairy and livestock personnel appear to be on the verge of recommending against liquid manure. If liquid manure systems are used, Penn State is recommending extreme care in application.

One acceptable way to use liquid manure could be the chisel system, which allows the liquid manure to be pumped directly into the ground and covered, rather than applied on top of the ground, where there's danger of run-off

The feeling at Penn State, Smith explained, is that any system involving putting liquid manure on top the ground does not solve the odor problem And it's believed that the odor problem, as well as the run-off problem, must be solved in order for a manure system to be successful over the next several years

What is the solution for the farmer?

Smith concedes it's easier to say what won't work than it is to say what will work.

One problem is that neither enough information nor the proper type of equipment are available But know-how and technology are quickly becoming available

This means that the situation is changing rapidly What appears to be the best solution now may be obsolete in a short time The solutions for manure handling will change drastically during the next 10 years, Smith believes.

What should the farmer do?

According to Smith, he should remain very flexible and be sure that he doesn't spend a lot of money now on a system which will be found to be improper and inadequate in a short time

He warns that farmers who develop the wrong system can spend many thousands of dollars for something which may have to be completely changed within the next few years

The question for the farmer who has problems now and who feels he needs solutions now: Which way to go?

There's really no answer, except try to solve all your problems · odor problems, run-off problems and allow for future expansion.

Any solution which doesn't solve all the problems may turn out to be no solution at all, according to Smith

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Elsewhere, see article on important new USDA regulation requiring seven-day withholding of DES from livestock feed before marketing

Our page one article updates our previous reports on the foreign poultry Newcastle disease

Pa. Officials Concerned, Urge Indemnity Legislation

USDA Acts on Foreign Newcastle

The U.S. Department of Agriculture recently moved to cooperate with California, New Mexico, Florida and Texas in eradicating the deadly new strain of Newcastle disease.

At the same time, the USDA recommended that poultrymen everywhere vaccinate their birds now.

Federal officials also acted to guard against reintroduction and spread of the disease

The program involved indemnities to pay owners of infected flocks for losses and a complete disposal program that includes burying all infected birds, manure and litter, as well as a complete disinfectant program, followed by a 30-day waiting period.

While no outbreaks have been reported so far in Pennsylvania, local and state officials remain deeply concerned. Meetings have been held at the state level recently to plan courses of action and advise farmers what to do, both to prevent an outbreak and to fight it if it occurs.

Latest reports indicate that while the federal government has approved an indemnity program similar to that which is well known to swine producers in connection with hog cholera, no such poultry indemnity program is yet available in Pennsylvania. This is true, according to Jay W. Irwin, Lancaster County associate ag agent, because of the need for enabling state legislation

Irwin said information he has received indicates the state legislature would have to adopt legislation authorizing the indemnity payments The indemnity program involves both state and federal funds, he said

While the new strain of Newcastle has only recently appeared in a few places in the U.S., the disease has become well established in many foreign countries In a report last week by Dr. E V. Jeszenka, director of the Pennsylvania Bureau of Animal Industry, it was noted that there have been 7,000 outbreaks in England since August, 1970, involving 43 million birds and costing the poultry industry in England some $40 million

In comparison, Lancaster County alone has nearly half that many birds, approximately 21

(Continued on Page 20)

Farm Show Slated Jan. 10-14

(Our annual Farm Show Issue is next week. Please get news items and advertising to us early.)

Annual Tobacco Show Is Slated

The annual Lancaster County Tobacco Show will be held at 1:30 p m Thursday, June 6, at the Farm and Home Center

Both the FFA and adult competitions will be held at that time. The 4-H contest was held Thursday afternoon

Arnold G Lueck, associate Lancaster County ag agent, noted "All exhibits entered in the County Show will be taken to the State Farm Show unless the exhibitor requests otherwise Growers not able to bring their tobacco to the County Show and desiring to exhibit at the State Farm Show, may bring their exhibit to the Farm and Home Center by Friday, January 7 and our Extension Agents will see that it gets to the Farm Show Building. Be sure the tobacco is well wrapped to prevent drying out"

Local Livestock Market, Auction News

Lancaster Auction

Wednesday, December 29

	Cattle	Calves	Hogs	Sheep
Today	523	118	433	3
Last week	420	131	227	85
Last year	695	105	218	3
This weeks Auction	539	116	406	3
Last weeks Auction	336	127	178	38

CATTLE — Compared to Monday slaughter steers uneven, Choice 1220 lb down weak to 25 lower, weights over 1225 lb 25-50 higher, other grades mostly steady cows steady to 50 higher, bulls 50-1 00 lower

SLAUGHTER STEERS — Choice 950-1250 lb 35 10-36 50, Choice 1250-1400 lb 33 75-35 50, high Good and low Choice 34 00-35 00, Good 30 75-34 25, Standard 28 25-31 00

COWS — Utility and high dressing Cutter 23 25-25 25, few 25 25-25 75, Cutter 21 75-24 25, Canner and low Cutter 20 00-22 00

BULLS — Choice 31 00-32 75, Good 29 00-31 00, Utility and Commercial 29 00-32 00, five head 32 25-33 50, Cutter and low Utility 27 50-29 00

VEAL CALVES — Vealers 4-7 00 higher

VEALERS — Choice 57 50-62 50, six head 63 00-64 50, Good 55 00-59 50, Standard 47 00-55 00, few Utility 40 50-47 00

HOGS — Barrows and gilts 50-1 00 lowers

BARROWS AND GILTS — US 1 195-215 lb 24 00-24 25 US 1-2 220-240 lb 23 35-23 60 US 2-3 195-250 lb 23 00-23 35

SOWS — US 1-3 400-500 lb 14.50-15 60

SHEEP — Insufficent volume for a market test

New Holland Dairy Cattle

Wednesday, December 29

Reported receipts of 107 head of cattle, 10 heifers, 2 bulls, market steady with last weeks market

Load Wisconsin cows, fresh, 580 - 680

Load Pennsylvania cows, fresh, 455 - 620, springers, 340 - 570

Load Canadian and Franklin County cows, fresh, 430 - 630, springers, 415 - 515

Load New York state cows, fresh, 460 - 575, springers, 440 - 590

Load Vermont cows, fresh, 405 - 600

Locally consigned cows, 350 - 585

Springing heifers, 245 - 345

Bulls 275 and 295

Green Dragon

Livestock Sales

Ephrata, R. D. 3, Pa.

Walter Risser, Manager

Phone: (717) 733-2334

Every FRIDAY

- Dairy Cows 12.30 P.M.
- Hay & Straw Auction 1:00 P.M.
- Beef Cattle & Veal Calves 11:00 A.M.

Lancaster Market

Monday, December 27

	Cattle	Calves	Hogs	Sheep
Today	345	120	1696	152
Last week	391	205	554	134
Last year	412	208	1116	214

CATTLE — Compared to last weeks close slaughter steers strong to 50 higher, cows 25-50 lower with most decline on Utility bulls mostly steady on small supply Supply included 261 in afternoon auction

SLAUGHTER STEERS — Choice 975-1200 lb 35 35-37 35, 1225-1325 lb 34 50-35 25, few 1400-1425 lb 33 50-34 00, high Good and low Choice 1100-1300 lb. 33 10-35 00, Good 31.00-34 00

SLAUGHTER HEIFERS — Load Choice with end of Good 925 lb 31 50,, Good 750-950 lb. 27 25-29 25

COWS — Utility and high dressing Cutter 23 00-25 10, Cutter 22 00-24 00, Canner and low Cutter 21 00-22 00

BULLS — Choice 32 00-33 25, Good 30 00-32 00, Utility and Commerical 31 00-32.85, three head 33 10-33 85

VEAL CALVES — Vealers weak to 1 00 lower

VEALERS — Choice 54 00-56 00, few 57 00, Good 50.00-54.00, Standard 45 00-50 00, Utility 38 00-44 00

HOGS — Barrows and gilts 50-1 00 higher

BARROWS AND GILTS — US 1 200-240 lb 25.00-25 25 US 1-2 195-245 lb 24.00-24 75 US 2-3 190-260 lb 23 50-24 25

SHEEP — Wooled lambs strong to 50 higher, ewes absent.

WOOLED LAMBS — Choice 75-95 lb 27.50-29.00, Good 24.50-27 50

Local Grain

Wednesday, December 29

These prices are made up of the average prices quoted by six participating local feed and grain concerns It should be noted, however, that not every dealer handles each commodity. All prices are per bushel, except for ear corn which is per ton

The average local grain prices quoted Wednesday, December 29, 1971, are as follows

	Bid+	Offered+
Ear Corn, Old	36 00	43 00
Ear Corn, New	37.50	44 00
Shelled Corn	1 34	1 50
Oats (local)	80	91
Oats (western)	----	1 10
Barley	1 08	1 30
Wheat	1.51	1 71

+Bid is the price the dealer will buy from the farmer delivered to the mill Offered is the price the dealer will sell for at his mill

Composite Report

No report available at press time

Lebanon Valley Auction

Tuesday, December 28

299 Head of Cattle

Steers. Choice 950 - 1150 pounds, 34 35 - 35 35 - 35 85, Good, 31 75 - 34 25, Standard, 29 00 - 31 35.

Heifers Choice (few), 30 00 - 32 00; Good (few), 29 50 - 31.00, Standard (few), 27 85 - 28.60.

Cows· -Utility and High Dressing Cutter, 24.25 - 26 25; Cutter, 22.85 - 24.00, Canner, 21.75 - 22 75, Shells down to 20.00

Bulls· Good, 30.25 - 32 75; Utility and Commercial, 28.75 - 33 60

270 Head of Veal Calves

Choice (few), 54 00 - 60 00; Good, 51 50 - 55.00, Standard, 47 00 - 50 00; Utility, 44 00 - 46 50; Culls 90 - 120 pounds, 36.00 - 40.00; Culls 70 - 85 pounds, 32 50 - 35.50.

Farm Calves· Bulls 90 - 115 pounds, 39 00 - 46 00, Heifers 100 - 200 pounds, 60.00 - 79.00.

245 Head of Hogs

Barrows and Gilts· U S. 2-3 200 - 240 pounds, 23 75 - 24.60, 2-4 190 - 255 pounds, 23 00 - 23 50.

Sows U.S 2-3 (few) 300 - 450 pounds, 17 00 - 17 75.

Boars· (few) 14.00 - 14 85.

25 Head of Feeder Pigs

U.S 1-3 60 pounds, 15 00.

New Holland Horse Auction

Monday, December 27

Reported receipts of 140 head of horses, market stronger than last weeks market

Locally consigned work horses, 115 - 240, riding horses, 85 - 170; driving horses, 95 - 290; few better horses, 225 - 375.

Mare ponies, 5 - 20, Geldings, 5 - 15, Colts, 5 - 6, Larger Ponies, 30 - 50, Killers, 5 - 6.

Hay Prices

Monday, December 27

(All hay No. 2 and better, prices paid by dealers at the farm, price per ton).

Hay and straw mostly steady.

Alfalfa	35.00-45.00
Timothy hay	22.00-35.00
Mixed hay	25.00-40.00
Straw	27.00-35.00
Mulch	15.00-20.00

Oklahoma City

Thursday, December 30

Market report not available at time of publication

Vintage Auction

Tuesday, December 28

	Cattle	Calves	Hogs	Sheep
Today	903	591	853	25
Last week	670	619	602	25
Last year	899	610	534	49

CATTLE — Compared to last Tuesday slaughter steers strong to 50 higher, cows 25 to mostly 50 higher; bulls 1 00-2 00 higher with most advance on Utility and Commercial. Supply included 38 percent cows

SLAUGHTER STEERS — High Choice and Prime 1050-1325 lb. 36.50-37 60; Choice 950-1350 lb. 35.25-37.00, few 1350-1490 lb 34.85-36.25, high Good and low Choice 33 75-35.25, Good 31.00-34.00, Standard and low Good 28.50-31.50

COWS — Utility and high dressing Cutter 23 50-25 50, several 25 50-25 85, eight head 26.00-26.25, Cutter 22.00-24.50; Canner and low Cutter 20.00-22 00.

BULLS — Choice 31.50-33 50; Good 30.00-31.50; Utility and Commercial 29 50-33.50, five head 33.75-34 25

VEAL CALVES — Vealers mostly steady, instances 2.00 lower on Choice

VEALERS — Choice 55.00-57.50, few 58 00-58 50; Good 51.00-56.00, Standard 46.00-51.00; Utility 38.00-46.00, Cull 90-120 lb. 32.00-38.00, 65-85 lb. 25.00-32 00.

RETURNED TO FARM — Bulk 90-120 lb. 40.00-47.00, Holstein Heifers 61.00-69.00, few 70.00-73 50

HOGS — Barrows and gilts mostly 50 higher.

BARROWS AND GILTS — US 1-2 205-240 lb. 24.00-24.10. 14 head US 1 205-240 lb. 24.25-24.60. US 2-3 195-250 lb. 23.50-24.00.

SHEEP — Insufficent volume of anyone class for a market test.

Green Dragon Dairy Cattle

Friday, December 24

No market held due to holiday.

Peoria Cattle

Thursday, December 30

Market report not available at time of publication

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livestock order buyer
Phone: (717) 397-7539

MARTIN LIVESTOCK
Washington Boro, Pa. 17582
John Bowman
Phone: (717) 872-5491

New Holland Auction

Report not available due to early publication.

Monday, December 27

HOG RECEIPTS 1110- Retail 24.75-26.25, Wholesale 2s, 3s, 4s, 24.25-24.75; Heavyweights 22.75-24 25

Monday, December 27

CALF RECEIPTS 133- Choice and Prime 52-60; Standard 36-45; Good and Low Choice 46-51.50, Common 25-35.50

Monday, December 27

Forty two loads of hay and straw sold as follows: Hay 30-38, Clover and Timothy 35-47.50, Straw 22-40, Alfalfa 33-53.50

Lebanon Valley Livestock Market, Inc.

1 mile east of Fredericksburg along Route 222

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New Holland, Penna.
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For Marketing Information
Phone Area Code 717-442-4181
Box 100 Paradise, Pa.
10 mi. East of Lancaster on Rt. 30
Kenneth E. Hershey, Sales Manager

Omaha Cattle

Wednesday, December 28

Compared last weeks close, slaughter steers mostly 25c lower, heifers weak to 25c lower. Cows 50 - 75c higher, bulls steady to 50c higher. Meager supply of feeders steady.

Three day receipts 14,100 compared with 18,700 previous week and 18,700 a year ago.

Slaughter steers approximately 50 per cent, heifers 38 per cent, cows 9 per cent and feeder supply hardly adequate to test trade. The fed cattle trade in the holiday week held steady early but declined moderately by mid-week under the influence of lower prices on carcass beef. Most buyers operated cautiously late. Many cattle continued to carry considerable mud which was a price determing factor.

Average cost slaughter steers first two days 34.20 average weight 1,117 pounds as compared with 34.40 and 1,111 pounds previous week and 27.20 and 1,141 pounds a year ago.

Market Steers

Steers — High-Choice and Prime U.S. 3-4, 1000 - 1315 pounds, 35.00 - 35.75; Choice 2-4, 975 - 1325, 34.00 - 35.10; Mixed Good and Choice, 975 - 1250, 33.50 - 34.00; Good, 30.00 - 33.50; Standard and Good, 28.50 - 30.00.

Heifers — High-Choice and Prime U.S. 3-4, 902 - 1064 pounds, 34.50 - 34.90; Choice 2-4, 850 - 1050, 33.00 - 34.50; Choice, 825 - 1000, 32.25 - 33.25; Good 27.50 - 32.25; Standard and Good, 26.00 - 27.50.

Cows — Utility and Commerical and Good, 21.75 - 23.00; Canner and Cutter, 18.50 - 21.75; Cutter and Low-Utility, 22.00 - 22.25.

Bulls — Utility, Commercial and Good, 25.25 - 27.50; Commerical, 27.50 - 28.00; Cutter and Low-Utility, 24.00 - 26.00.

Feeder Steers

Small supply moderately active, steady, mainly High-Good and Choice fleshy two-way steers and small offerings of heifers. Outshipments approximately 400 head compared 800 previous week.

Steers — High-Good and Choice, 950 - 984 pounds, 32.00 - 33.25; load Standard and Good Holsteins, 800 pounds, 29.50.

Heifers — Good and Choice, 607 - 889 pounds, 31.50 - 32.50.

Birds' Sight

Birds have developed powers of sight to a remarkable degree. Probably they surpass all other creatures in excellence of vision. Most birds can see clearly both at shorter and longer distances than man.

14 Attend ABS School

Fourteen local farmers attended the American Breeders Service AI Management School in Quarryville December 13 - 17.

At the school they learned the skills necessary to successfully inseminate their own herds under the ABS Direct Herd Program. The men studied anatomy and physiology of reproduction, herd health management, frozen semen storage and use, herd record keeping, correct insemination procedures, and sire selection principles.

Joining over 20,000 dairy and beef men across the United States who have been trained by ABS to breed their own cows are: Ken Weaver, Glenmoore; Murl Aument, Quarryville; Douglas Sheetz, Peach Bottom; Vernon Umble, Christiana; Joe Rahll, Forest Hill, Md.; Benuel Lapp, New Holland; Raymond Witmer, Willow Street; Melvin Hershey, Lancaster; Bill Holloway, West Chester, and Bill Ulrich, Quarryville.

Instructor was ABS District Sales Manager, Gary Willier. Local ABS Representatives, Paul Herr, Holtwood, and Maurice Stump, West Grove, along with several previous graduates helped with the practice instruction.

Schools in Rising Sun, Md., and in Campelltown, Pa., are planned for the near future. Interested persons should contact their local ABS representative or the ABS District Office at 545 Spring Avenue, Lititz.

FUTURES TRADING

(Closing bids as of Wednesday, December 29)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
January '72				28.15
February	34.20	24.80		31.25
March			3.04	33.75
April	32.90	24.05	3.25	
May			3.74	32.20
June	32.50	26.50		
July		26.90		34.25
August	32.10	26.85		34.20
October	31.50	24.45		
December	31.50	25.32		

Trend — Cattle are lower, hogs are lower, potatoes are higher, and eggs are steady

a-asked b-bid n-normal

Markets provided by Commodity Dept., Reynolds & Company

Pa. Ag Hearing Set

A public hearing has been called for taking testimony on proposed regulations affecting feed, fertilizer and pet food within the Commonwealth.

Secretary of Agriculture Jim McHale has set the hearing for 2 p.m. January 5, 1972, Room 309, Department of Agriculture Building, 2301 N Cameron St., Harrisburg

Two actions have been proposed, adopting rules and regulations under the Pennsylvania Commercial Feed Law and adopting pet food rules and regulations under the same law All previous rules and regulations will be rescinded when these are adopted

The proposed regulations follow model regulations suggested for adoption by all states

Oral testimony at the public hearing should be accompanied by a written statement to be retained by the hearing clerk *In lieu of oral testimony, statements postmarked no later than December 31, 1971, will be received at the hearing address and will be given equal weight with oral testimony given at the hearing*

Bargaining Conference Is Scheduled

The 16th National Cooperative Bargaining Conference will be held January 9-10 at Phoenix, Ariz.

Speakers will include Oren Lee Staley, president of the National Farmers Organization; T. K. Cowden, assistant secretary of the U. S. Department of Agriculture (USDA); and C. E. Mighton, an authority on Canadian marketing borads.

The conference is sponsored jointly by USDA's Farmer Cooperative Service and the National Committee of Cooperative Agricultural Bargaining and Marketing Associations It precedes the annual meeting of the National Council of Farmer Cooperatives, held at the same site January 12-13.

Registration will begin at 10 a.m. January 9, and Ralph Bunje, president of the National Bargaining Committee, will open the meeting at 1 p.m Jack Barbash, professor of economics at the University of Wisconsin, will discuss "Strategies and Ideology in Labor Bargaining — Parallels for Agriculture"

Mike Martin Named Beef Club President

The first meeting of the new season was held by the New Holland 4-H Baby Beef Club Tuesday at the home of Linda High, Bareville

In an election of officers, Mike Martin, New Holland RD1, was named president

Other officers are Ken Groff, Leola, vice president, Cindy Yoder, Elverson, secretary, Tim Hoober, New Holland RD1, treasurer.

Rick and Larry Good, Bareville, game leaders, Joe Weaver, Gap, song leader, Jeff Martin, New Holland RD1, reporter

Elected club leaders were Lester Weaver, New Holland RD1, Harvey High, Bareville, Mark Yoder, Elverson, Robert Martin, New Holland RD1, and John Groff, Leola

U. S. Inspected Livestock Slaughter

For the week ending Thursday, December 30

	CATTLE	HOGS	SHEEP
First three days	348,000	906,000	108,000
Same last week	333,000	1,005,000	94,000
Same last year	339,000	1,027,000	124,000

Estimated daily livestock slaughter under Federal Inspection

Safe Electrical Appliances

Are you getting a "tingle from an electrical appliance? This is a danger signal you shouldn't ignore Extension agriculture engineers at The Pennsylvania State University suggest you inspect the faulty appliance for electrical leaks such as worn insulation on the cord The best way to eliminate a shock hazard is to ground the frame of the appliance. The simplest way is to connect a 3-wire cord to the appliance and wall outlet.

Farmway BUILT FOR BIG BARNS

DO YOU HAVE A PROBLEM WITH

YOUR PRESENT BARN CLEANER

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At twelve the New Year begins. We extend our wishes for a year filled with peace and happiness for you and your family. Thank you for your loyal, continued patronage.

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Smoketown, Pa. 397-3539

Poultry Market Reports

Eastern Pa. and N.J.

Wednesday, Dec. 29

Prices of light type hens about steady Offerings often barely adequate through weak, however, future bookings are very heavy and often in excess of needs Occassional plants closed this week while other only operating part time Demand for dressed product fairly good.

Offerings of heavy hens adequate for a fair interest

Prices Paid at farm· Light Type Hens 4½-7, mostly 6¼-7 in Pennsylvania and 6-6½ in New Jersey Heavy Hens 16-17

Delmarva

Tuesday, Dec. 28

Ready-to-cook movement ranged moderate to occasionally fair Demand generally less aggressive than anticipated with occasional product freely offered in an effort to clear Slaughter schedules reduced overall Less than trucklot prices unchanged on both Plant and U S Grade A. Live supplies fully adequate with range of weights generally desirable to occasionally lighter than needed Undertone unsettled Pool trucklot prices for Wednesday arrival in the New York area U. S Grade A 25½-28½ M 26-26½, Plant Grade 25-26½ M 25-25½

Special packs including 1¾-2, 3½ pound sizes TFEWR

Fogelsville

Sale of Monday, December 27.

(Prices paid dock weights, cents per lb., except where noted)

Hens, heavy type 7-19; Pullets 22-28, Roasters 10-27½, mostly 25-27½, Capons 26-44, mostly 40-44, Ducks 16-28, Drakes 9-48, mostly 40-48; Geese 24-41, mostly 35-38; Rabbits 25-71, mostly 45-60; Guineas 50-60, mostly 55-60; Pigeons (per pair) 84-3.10.

Total coops sold 351.

Weekly New York Egg Market

(From Monday, December 27th to Friday, December 30th)

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Fcy. Ex Large	37½	35	33	33	
Large	37½	35	33	33	
Mediums	35½	33	31	31	
Pullets	33½	30	28	28	
Peewees	21½	20	18	18	
BROWN					
Fcy. Large	42	38	36	35	
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Standards	33½	31	29	29	
Checks	19	18½	18	18	

Long Tone - Open market buying still very quiet. Most interest noted on release promotion for next week.

A VERY HAPPY NEW YEAR TO YOU ALL.

New York Eggs

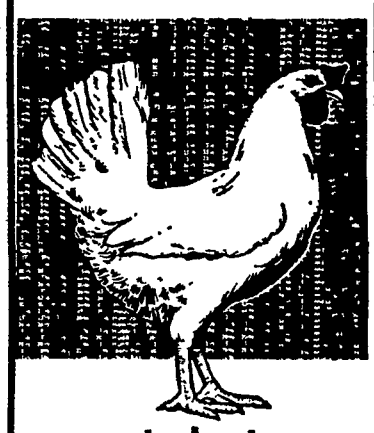
Tuesday, Dec. 28

Prices sharply lower Receipts light as receivers attempt to maintain low inventories during this current, weak transitional period Tradable stocks of jumbos and extra large burdensome, large liberal although fancy large are nearing workable levels Mediums tight locally but reported readily available at some country points. Smalls adequate. Demand is quiet with a wait and see attitude prevailing. Best interest centered on large particularly where price was more of feature rather than quality at present. Carton orders dull and unaggressive with many dealers reporting pre-Christmas retail movement less than anticipated

Fix-It Tip

Small cracks in plastered walls are repaired with a dry plaster patch compound that you mix with water. Mix only what you need immediately since it dries quickly. Start by making the existing crack larger and chip away loose pieces around the edges. Undercut the sides of the crack with a chisel or knife, making the bottom wider than the top. This prevents the plaster from falling out when it is dry. Wet the area before applying any new material. Force the patching material in with a trowel or putty knife, but do not fill completely. Leave a ⅛-inch depression and wait for the patch to dry, then wet the area again and apply a finish coat of plaster level with the old surface. Smooth it with a trowel.

FEEDING THE ANIMAL is not only permitted but encouraged at the Children's Zoo on Detroit's Belle Isle. The gaping lion tops a trash container for an unusual "Keep Your Zoo Clean" touch.



sustain top production with the

BABCOCK B-300

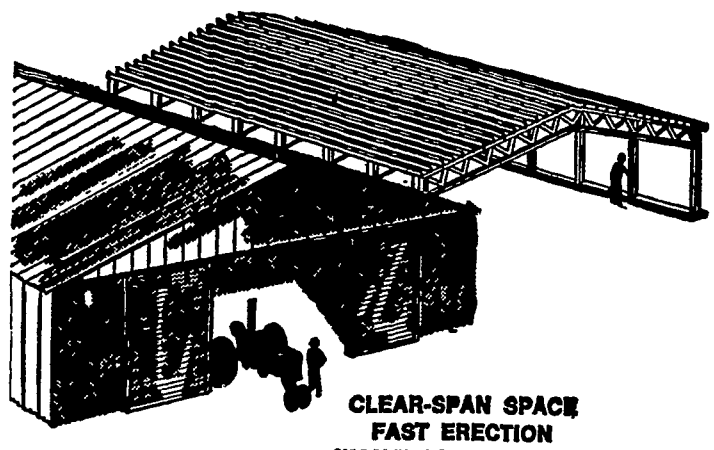
Keeping production up...costs down...is the profit key in poultry operations. And more and more records on commercial flocks of Babcock B-300's..."The Businessman's Bird"...show sustained production of top quality eggs...often with an additional 20 to 30 eggs per bird housed over other strains. Come in... look at the records and the B-300 ..."The Businessman's Bird".

BABCOCK FARMS, INC.

Telephone (717) 626-8561)

New Behlen "Tubeline" building . . . all the advantages of steel at a

POLE BARN PRICE



CLEAR-SPAN SPACE
FAST ERECTION
WON'T SAG OR TWIST

All the brute strength of curved steel is utilized throughout the exclusive framing system of Behlen's new "Tubeline" building. It's designed for strength, and for easy construction. Simple bolt-together connections speed erection. Clear-span design eliminates center-pole installation.

Available in widths from 20 ft. to 60 ft., in your choice of galvanized or color finishes. Many floor plans. Doors and windows can be placed nearly anywhere. Any or all sides can be left open. Erect it yourself . . . or we'll build it for you.

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R. D. #2, Quarryville, Penna. 17566 Ph. 717-786-2235

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Most outstanding yielder in its maturity.
Excellent combiner.

3306
Top yielder of quality corn.

3369 A
Frequently 10 to 20 bushels per acre better than other corns.

Sold by your Pioneer man

PIONEER® BRAND
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AGWAY

WHO CARES? WE DO!

PART 3 - FEEDER PIGS

AGWAY SWINE HEALTH CALENDAR

TIME	PROBLEM OR PRACTICE	PRODUCTS TO USE
THE FEEDER PIG If shipped to farm: Arrival and other stresses	Scours — Fever — Lack of Appetite	ASP-250 in Feed and Tylan + Vitamins as a Water Medication - or - TS 100 in Feed and Aureomycin Bi-Sulfate as a Water Medication
Post Weaning or 3 Weeks After Arrival	Internal Parasites	Atgard or Piperazine
	External Parasites	Spray hogs with Dual Stock Spray or Ciodrin Dust.
	Mange	Consult Veterinarian
Fly Season	Fly Control	Spray hogs with Dual Stock Spray Conc. or Agway Livestock Spray. Spray walls and ceiling with Cygon 2E or Ravap

ANOTHER AGWAY FIRST . . .

AGWAY SWINE FEEDS WITH OLEANDOMYCIN
ABSOLUTELY NO WITHDRAWAL PERIOD

THINK:

Practice The 3 Laws of Hogology

1. **GOOD NUTRITION**, with Agway feeds, or your farm mix, ample water and Oleandomycin.
2. **CAREFUL SANITATION**, keep pens and pigs clean and dry, disinfect periodically.
3. **CLOSE OBSERVATION**, act promptly when pigs act sick or unusual.

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SALUNGA STORE
898-2248

M. M. GOOD & SON
Gordonville
768-3781

MRS. JACOB L. KURTZ
Elizabethtown
367-5430

WILLOW STREET STORE
464-3521

QUARRYVILLE STORE
786-2126

1972 Set-Aside Program Outlined

Producers of corn, sorghum, and barley received official notice of bases and yields for the 1972 set-aside program recently, according to Fred G. Seldomridge, chairman of the Lancaster County Agricultural Stabilization and Conservation Committee (ASC).

Farm bases determine the amount of acreage each farmer may enroll in the voluntary set-aside program operated by ASCS.

Farmers who wish to participate in the 1972 program are required to idle cropland equal to 25 per cent of the farm total feed grain base

Producers may also set aside up to an additional 10 per cent of their corn and sorghum base and 20 per cent of their barley base for payment.

A third optional set-aside equal to five or ten per cent of the corn-sorghum base may also be offered The optional or third set-aside offer will be accepted if the Secretary of Agriculture determines it is needed to take a total of 38 million acres of cropland out of production in 1972

The farm yields for computing payments are also on the farm notice Payments on the minimum set-aside are computed by multiplying the crop yield by 80 cents for corn, 76 cents for sorghum, and 64 cents for barley. Additional set-aside payment rates are 52 cents for corn, 49 cents for sorghum, and 42 cents for barley.

Farm wheat allotments are also noted on the feed grain notice

Producers who wish to participate in the 1972 wheat set-aside program will need to take out of crop production in 1972 an acreage of cropland equal to 85 per cent of the farm wheat allotment. Wheat payments will be computed about July 1, 1972. Payment equals 100 per cent of parity minus the average price of wheat on the market between July 1 and December 1, 1972.

1971 wheat payments were $1 63 times the farm wheat yield per acre, times the farm allotment. 1972 payment should approximate this figure.

The farm conserving base, an acreage of cropland required to be in hay, grass, or idle use in 1972, is also on the farm notice. Conserving crops on conserving base land may be harvested. Set-aside acres may not be harvested in 1972.

Farmers are urged to read their farm notice carefully. Producers have 15 days from the date of the farm notice to ask for reconsideration of any item on the notice to ask for reconsideration of any item on the notice except the wheat allotment, which may be incorrect or require adjustment, Seldomridge stated.

All requests for adjustments must be addressed to the county ASC committee and received at the county ASCS office by January 4, 1972. The 15-day reconsideration period is very important to farmers wishing feed grain base and conserving base adjustments, Seldomridge emphasized.

1972 feed grain and wheat set-aside enrollment starts January 17, 1972.

Wisconsin Tobacco Allotments Made

The USDA recently announced cigar leaf tobacco quotas, mail referendums and national acreage allotments.

But the USDA announcements do not apply to Lancaster County tobacco, accordint to Miss Dorothy Neel, ASC executive director. The USDA announcements and Miss Neel's comments on them include:

—For the 1972 crop of types 42-44 and 53-55 of cigar-filler and binder tobacco, the national acreage allotment will be 18,256 acres compared to 18,478 in 1971. These types of filler and binder are grown principally in Wisconsin and Ohio, with smaller quantities produced in Illinois, Indiana, Iowa, Minnesota, New York, and Pennsylvania.

While some type 44 was once grown in Lancaster County, there is none believed here now. Some northern Pennsylvania counties have type 53.

—Mail referendums have been set for January 10-14 on these types.

Pa. Cheese Whey Rules Are Reviewed

A public hearing has been set for taking testimony on a proposed change to the Pennsylvania Frozen Desserts Law that would allow greater utilization of locally produced dairy products

Secretary of Agriculture Jim McHale said the hearing will begin at 10 a m Wednesday, January 5, 1972 in Room 309, Department of Agriculture Building, 2301 N Cameron St., Harrisburg.

Present regulations, although consistent with nationwide standards, allow cheese whey which is a by-product of the manufacture of cheddar cheese. Most cheddar cheese manufacturing is centered in Wisconsin and New York.

By changing the regulation to include cheese whey achieved as a by-product of the manufacture of cottage cheese, Pennsylvania, which leads the nation in the manufacture of ice cream, could make the product more profitable to the local dairy industry.

Written testimony postmarked not later than December 31, 1971, will be given equal weight with testimony presented at the hearing. Oral testimony must also be accompanied by a written statement to remain with the hearing clerk

Term's Origin

The space term Gemini stems from Greek mythology. Gemini, a name meaning "the twins," was applied to Castor and Pollux and to the constellation formed by them when transported to the heavens to dwell among the stars.

FOR BEST RESULTS IN THE 1972 SEASON

FARMERS' PREMIUM FERTILIZERS

Since 1904

COMPLETE FERTILIZER PROGRAM
COMPLETE PESTICIDE PROGRAM
PULVERIZED OR GRANULAR FERTILIZERS

Bagged, Bulk, Bulk Trailer Spreaders and Custom Spread on Fields

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Early Discounts Now In Effect.

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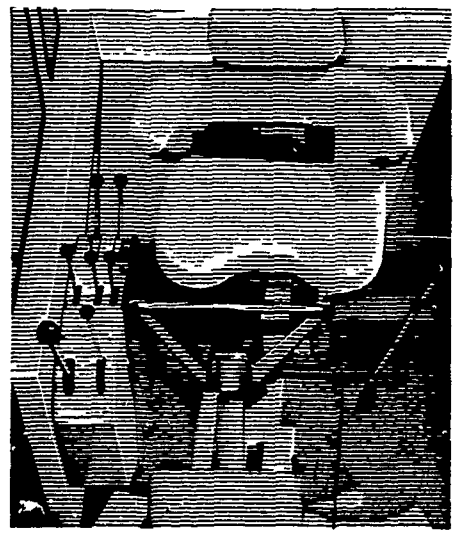
LOOKIN' FOR A SOFT JOB?



TRY FARMING . . . with an Allis-Chalmers tractor to soften up the toughest jobs. The seat soaks up bumps and adjusts to the height and leg reach that suits you best.

Hydrostatic power steering lets you drive easily with a light hand on the "reins". The controls are conveniently grouped within easy reach. All to make your long days in the field seem as short as possible. And if you'd still prefer to work inside, you can . . . by equipping your Allis-Chalmers tractor with a comfortable, weatherproof cab. Put a lot of comfort in your life . . . by putting an Allis-Chalmers tractor under you.

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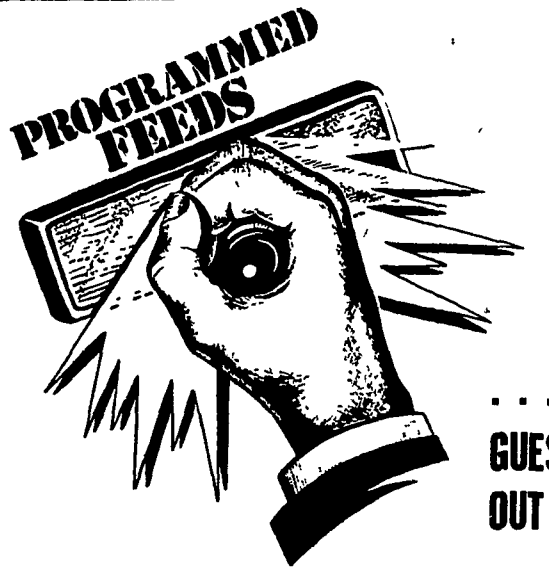

. . . TAKE THE GUESSWORK OUT OF FEEDING!

IN 1972

be determined to get better results and earn more money from your farm operation.

HERE'S THE WAY we can help you. Start the Red Rose Programmed Feeds system on your farm.

Red Rose Programmed Feeds are designed to remove guesswork from feeding . . . and put in profit. Programmed Feeds are complete for feeding dairy and beef animals, swine, poultry and horses. Each of the Red Rose Programs is geared to show what nutrients are required, what additional nutrients are needed, and suggests the feed to use.

Take Programmed Dairy and Programmed Beef, for instance. Our system of feeding is based on the roughage available for use. The feed is fitted to the forage for exact balance. In feeding horses, the program selects the proper feed to meet the horses individual needs. Programmed Hog shows the feeder how to produce healthy, lean hogs going to market consistantly at 200 pounds . . . in less than 160 days.

DO THIS! Call or stop to see any of these Red Rose Dealers and let them explain Programmed Feeds to you. You'll start 1972 right by calling . . . now!

Red Rose ANIMAL FEEDS

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Twin Valley YF Seeks Members

On Thursday evening, January 6, 1972, a regular meeting of the Twin Valley Young Farmers Association will be held in the vocational agriculture classroom of the Twin Valley High School.

Topic for this meeting will be "The Aims and Purposes of the Young Farmers." The program will feature a panel discussion by past presidents of the Twin Valley Young Farmers, slides of State Young Farmer activities, and a short address by a State Young Farmer officer.

The Young Farmers Association is composed of farmers in the Twin Valley School District seeking to further their knowledge of agriculture. By definition, a "young" farmer is any farmer willing to learn, regardless of age.

The Association operates under the guidance of the vocational agriculture department of the Twin Valley High School.

Activities of the Association include eight to 10 instructional meeting with topics for each meeting chosen by the officers. These meetings are held from November to April, with only one meeting being devoted to a topic. Meetings for this year include the following topics — Waste Disposal, Corn Contest Evaluation, Safe Water Supplies, New Corn Growing Ideas, Grain Sorghum as a Substitute for Corn, and the Soil Conservation Service.

Other activities include a summer barbecue, an annual spring banquet, a corn contest with divisions for both corn for grain and corn for silage, and summer on-the-farm meetings.

Services of the local vo-ag teacher are available to all local farmers through the Young Farmer Association.

Local membership is open to all local farmers, with no local membership dues. Local members may also become members of the State Young Farmer Association. Highlights of the State Association's yearly activities are its summer picnic and farm tour and an autumn convention.

At present the local Young Farmer organization is composed of a small group of full-time farmers. However, we would like to take this opportunity to invite all farmers — full-time or part-time — within the Twin Valley School District to join our organization.

Pony Club Meets

The December meeting of the Broken-Bit Light Horse and Pony Club was held Friday, December 17. The meeting was held at the home of club members Martha, Jane and Debra Gregory, Lititz RD4.

Vice presdient Natalie Immel presided over the club's Christmas party. The club made plans for a skating party. Natalie had some games which the club played before the meeting.

A new movie was shown by Robert Gregory called "A Horse Made For Our Mountains." The club members enjoyed it very much.

Club leader Mrs. Risser had a gift for each club member. The gifts all were something to help members keep their horses in top shape.

Anyone between the ages of 9 to 19 interested in joining the club should contact Mrs Charles Risser, Stevens RD1, 733-2605.

News Reporter,
Martha Gregory

New Finnsheep Average Up to 5 Lambs Per Ewe

A Finnsheep Breeders Association has been formed in the United States for the improvement, identification and recording of Finnsheep

The breed is a native of Finland and the first animals of the breed were imported from Ireland to the United States by the University of Minnesota and the U. S Department of Agriculture in 1968. A second importation was made in 1969.

Since then Finnsheep have become available from Canada and a number of private flocks have been established, although many of the Finnsheep are kept on State and Federal experiment stations

Dwight Holaway of Pipestone, Minn., is president of the new association and John F Redding of Asheboro, N.C , vice president.

An important objective of the association is to encourage and support breeding research to discover how the Finnsheep breed can be used most effectively in crossbreeding to improve efficiency of commercial lamb production

The association also has the objective of striving to continuously improve and promote Finnsheep in the interests of more profitable sheep enterprises

Production records are required for registration and every certificate of registration will include information on numbers of lambs born from animals in the pedigree

Finnsheep have lambing rates which are about double those of most domestic breeds in this country Flock averages of 3, 4 and 5 lambs born per ewe have been reported in Finland

They are expected to be very useful in crossbreeding to increase efficiency of lamb meat production and to develop more productive strains of sheep

For more information contact Dwight Holaway, Secretary, Finnsheep Breeders Association, Pipestone, Minn 56164 Telephone 507 - 825-5471 or 507 - 825-3651

Md. Governor Gets Local Mushrooms

Insisting that it was the "spirit of the holiday season and not just gloating", Pennsylvania Secretary of Agriculture Jim McHale presented a bushel of mushrooms to Maryland Governor Marvin Mandel

Pennsylvania Governor Milton J Shapp late this summer wagered a bushel of mushrooms against a bushel of Maryland crabs on the outcome of the world series Shortly after Pittsburgh nipped Baltimore, four games to three, Gov Mandel paid off the bet

Recently, Secretary McHale told Maryland's chief executive, "We can't see denying you the pleasure of the world's best mushrooms at the holiday season. So Governor Mandel, please accept with Governor Shapp's best wishes his half of the World Series wager."

Pennsylvania leads the nation and the world in the production of mushrooms, growing 123,000,000 pounds in the past year or 63 per cent of the total U. S. harvest.

Also participating in the presentation were Charles Lucido and Al Bazzoli, Chester County, representing the Mushroom Growers Co-operative Association of Pennsylvania, which provided the mushrooms.

In the Kitchen

HAM-YAM HASH

2 cups chopped cooked ham
3 cups diced cooked yams
⅓ cup chopped fresh onions
¼ cup snipped parsley
⅓ cup milk
2 tbsps. salad oil

Combine ham, yams, onions, parsley and milk. Heat oil in large skillet. Spread yam mixture evenly in skillet. Cook over low heat 30 minutes or until bottom is crusty. Makes 4 servings.

Up to three weeks protection against scours/pneumonia complex from a single injection.

Administered routinely to each calf at birth, Bo-Bac Antibacterial Serum will (1) give protection for as much as 21 days against scours and pneumonia; (2) supply antibody protection normally found in colostrum; (3) provide immediate protection against scour/pneumonia-causative organisms.

As a treatment, Bo-Bac can be used alone or in advantageous combination with antibiotics, sulfas, and other drugs. It is excellent for use prior to assembling or shipping calves to reduce problems of stress and exposure.

To save calves right from the start...choose **BO-BAC**

Other Anchor products to help you save and raise more healthy calves.

CALF SCOUR FORMULA
Bolus or Liquid

Specially formulated combination of ingredients for the treatment of stubborn calf scour problems bacterial calf diarrhea (scours) and diarrhea of dietary origin where complicated with bacterial pneumonia

• Neomycin, an antibiotic to fight scour-causing bacteria • Pectin, coats intestinal lining, acts as a soothing agent • Homatropine methylbromide, to relieve intestinal spasm and dehydration • Activated attapulgite, adsorbs liquids, toxins and viruses in the gut • Sulfas, to fight bacterial infections • Vitamins A and D, to provide supplemental nutrition

VITA-TREET POWDER

For bucket-fed calves—an excellent milk—soluble form

An aid in the prevention and reduction of bacterial calf scours A ready source of vitamins and minerals to help maintain health during periods of stress and low feed consumption

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PHONE 717-626-2612

Grange 66 Meets

Fulton Grange 66 held its regular meeting December 27 at Oakryn with the Master, Richard Holloway, conducting the business session

The youth committee is sponsoring a bowling party at Garden Spot Bowl, Strasburg, at 9 p.m Saturday, January 8.

Gyles Brown, Pomona Master, is accepting reservations for the Lancaster County Pomona Grange dinner meeting at Rhoads Spanish Restaurant, Quarryville at 7 p.m. Saturday, January 15.

Girl Scout Troop 905 will present the program at the next regular meeting of Fulton Grange at 8 p m January 10. The business meeting will follow the program The Junior Grange will also meet and will conduct a paper drive

Mrs J Stanley Stauffer Jr presented the program with each officer in charge of one number

Mr and Mrs Clifford W Holloway Jr gave reports of the Pennsylvania State Grange convention held at Somerset.

Mrs Richard Jackson presented a piano solo of Christmas songs Jokes were by Gyles Brown Each officer told of some unusual Christmas gift they received and of a New year's resolution they are making Piano solo "Jesus Is All The World To Me" by Miss Peggy Galbreath.

Mrs. Charles McSparran outlined some of the Pennsylvania State Grange projects for this year and Mrs J. Stanley Stauffer Jr conducted a stunt.

3-Day Beef Cattle Conference Set

A comprehensive Beef Cattle Conference will be held March 21, 22 and 23 at Pennsylvania State University.

Although the conference will emphasize purebred and commercial brood cow production systems, inforamtion will also pertain to finishing beef cattle systems. The conference will be held in the Meats Laboratory and the Beef-Sheep Center at University Park.

The program will include discussion of practices involved in establishing and maintaining pastures for profitable pasture and forage production. Methods of storing forages for wintering beef cows and calves will be discussed.

Other important topics will include: maintaining herd health, calculating rations for different types of beef cattle, constructing and maintaining low cost and effective equipment and facilities, and a demonstration of certain beef cattle production skills

Another section of the program will go into detailed discussions of methods of improving the inherited ability of cattle, and record keeping methods.

A special feature will be an in-depth discussion of the merits of some of the new breeds recently introduced into the United States.

Another "special" will be a consideration of the controversial "optimum cow body size" question that recently has become extremely important in procuding cattle.

According to Dr. Lowell L. Wilson, professor of animal science and chairman of the program, "this conference ties together many of the essentials of modernizing cow-calf production systems. The beef cattle business is changing rapidly. To efficiently use land through beef cattle, the producer must incorporate as many modern production practices as he possibly can.

"In Pennsylvania, a state producing only approximately 25 per cent of the total beef consumed in the state, there is an opportunity to raise more beef cows. We hope that by providing this program, we can help this potential," he affirms.

For further information regarding the program, contact the Agricultural Conference Coordinator, 410 J. O. Keller Building, University Park, Pa. 16802. County agents in Pennsylvania will also have information.

Greater Emphasis Reported On Erosion Control in Pa.

Pennsylvania State Conservationist R.M Davis recently announced that greater emphasis will be placed on controlling erosion and sediment in Pennsylvania in 1972 by the U.S. Soil Conservation Service.

Davis said that sediment is still one of the greates polluters of Pennsylvania's waters.

Annually, in Pennsylvania, more than 50 million tons of soil are moved by erosion processes and much of it ends up as sediment in streams and lakes.

Not only does sediment destroy aquatic life, but also carries pesticides and nutrients which degrade water quality for municipal, industrial, and recreational uses, Davis said.

Farm lands account for about half the sediment production in the Commonwealth

Unprotected construction sites and strip-mining areas are other major sources of sediment in the state. On a per-acre basis, strip-mined areas and urban developments can produce 10 to 100 times more sediment than agricultural lands, Davis pointed out.

Proven practices and techniques are readily available for erosion and sediment control. Local soil and water conservation districts, with the assistance of the Soil Concervation Service and other conservation agencies, are providing help to over 50,000 land users in controlling erosion. Sediment and erosion control ordinances have been established by many communities, and land developers have begun to recognize the need for holding back sediment, Davis continued.

Assistance in planning and applying practices to control sediment and erosion is available from the local offices of the Soil Conservation Service in Pennsylvania

FARMERS

Do you want full time representation in the Pennsylvania General Assembly and U. S. Congress?

Are you interested in maintaining our free enterprise system?

Are you interested in a higher net income for farmers?

Do you want your children to have the privilege to farm?

Do you want to save money on your tires, tubes and batteries?

Are you interested in a complete farm analysis and tax reporting service?

Will you join with hundreds of other farm families to work together to solve problems we cannot solve ourselves?

Will you help our organization get a fair assessment figure on land used for agriculture?

Lancaster County Farmers Association is a voluntary, non-partisan, general farm organization with many years of experience in all levels of government, representing our farm family members.

Lancaster County Farmers Association, through Pennsylvania Farmers' Association and American Farm Bureau Federation can help you secure all these privileges and services

James G. Kreider
Pres. Lanc. Co.
Farmers Assoc.
RD1, Quarryville

PENNSYLVANIA FARMERS' ASSOCIATION

James L. Martin
Sec. Lanc. Co.
Farmers Assoc.
Strasburg RD1, Pa.
Phone 687-8389

For good production next lactation,

FEED PURINA DAIRY CONDITIONER

As a dairyman, you know that good milk production doesn't just happen. It's something you plan for by establishing a herd with the genetic potential for good production, then managing and feeding your cows so they'll produce up to their bred-in ability.

Many successful local dairymen also plan for good production with a proven program of dry cow feeding. They need Purina Dairy Conditioner, a research-proven ration to help give dry cows body condition they need for good production after they freshen.

Purina Dairy Conditioner is an extra-palatable 12½ percent protein ration. It's fortified with vitamins A and D plus extra phosphorus to help guard against milk fever.

Purina Dairy Conditioner is low-cost, too, because the amounts you feed depend on your cows' condition and on the quality of the roughages you feed. For example, a cow dried off in good condition being fed high-quality roughages would require less Dairy Conditioner than a cow in only fair condition being fed fair quality roughages.

Drop in soon and get your free copy of the Purina Dry Cow Program folder. We'll be glad to show you how Purina Dairy Conditioner can help you prepare your dry cows for good production next lactation.

John J. Hess, II, Inc.
Ph: 442-4632
Paradise

Ira B. Landis
Ph: 394-7912
1912 Creek Hill Rd., Lanc.

West Willow Farmers Assn., Inc.
Ph: 464-3431
West Willow

James High & Sons
Ph: 354-0301
Gordonville

John B. Kurtz
Ph: 354-9251
R. D. 3, Ephrata

Wenger's Feed Mill Inc.
Ph: 367-1195
Rheems

PURINA CHOWS

Does a Farmer Need Estate Planning?

Editor's note: The following article, explaining why estate planning is so important, was forwarded by Richard J. Ashby Jr, trust officer of The First National Bank of Strasburg.

At one time or another in our lives, all of us get the uneasy feeling that perhaps we have not planned adequately for our family's security after we are gone.

Most of the time, however, we think — "Estate planning — that's for rich business men! I'm a farmer — I can't afford estate planning! Besides, a farmer doesn't really need it, does he? After all, my farm is only 80 acres and all I own is some equipment, some livestock and not much else."

The Typical Farm

This typical farmer has a farm worth about $112,000, equipment worth $20,000, livestock worth $20,000 and other miscellaneous assets worth $10,000 Most of his assets are in joint name with his wife Does he really need estate planning?

Examine his estate — $40,000 is his alone; $122,000 he and his wife own jointly.

At his death his estate will owe about $4,000 in estate and inheritance taxes. When his wife dies, her estate will owe approximately $30,300 in estate and inheritance taxes. How will these taxes be paid? The answer is that his farm (or a portion of it) will have to be sold just to pay taxes.

What Is Estate Planning?

How can farm estate planning help this farmer? To answer this question we must understand what estate planning is and what it can do

Planning is an essential element of everyone's life pattern It means that one devises or projects the achievement of some goal

You do this with your income by budgeting in order to pay bills. You plan for the planting and harvesting of crops, the purchase, use and sale of equipment and many other farming goals.

The objective of this business planning is to provide an orderly, secure and profitable business result.

Farm estate planning encompasses the same objectives

How does farm estate planning provide you with security, cash savings and orderly management? The experienced estate planner (your bank trust officer, attorney or underwriter) aids you in formulating your objectives, some of which are not always clear to you without some probing questions

Planning includes the estimation of estate taxes and taking steps to minimize those taxes, thereby increasing your net estate

Planning also includes taking steps to insure that cash to meet expenses is readily available, reducing administration costs, providing asset management and converting estate values

Finally, periodic review is assured by choosing an estate planner who is sincerely interested in your problems and their solution.

Cash Problems

The typical Lancaster County Farm Estate is composed largely of land. Land values in Lancaster County have increased rapidly and continu to forge upward

On the other hand, the farmer's income and ultimately his cash picture, have not kept pace with low estate liquidity results in a high death tax to the farmer's estate with little or no ready cash to pay the bills.

And remember—Uncle Sam gets paid first—before estate distribution can be made to heirs

An effective estate plan can often help solve this perplexing problem.

Joint Property Dilemma

Holding the bulk of farm property in joint names (husband and wife) is a well established custom with farmers in Lancaster County It is easy and effects immediate transfer at the death of one spouse It imposes no Pennsylvania Inheritance Tax at the death of the first spouse

But, because of the high value of farm estates, jointly held property often is subject to double taxation by Uncle Sam in the Federal Estate Tax in addition to the Pennsylvania Inheritance Tax

The federal tax is a graduated tax which often imposes a higher tax rate than the Pennsylvania Tax

The simultaneous death of both joint owners poses difficult and crucial problems

Proper estate planning is the key to finding methods to reduce the tax burden and solve the joint property dilemma.

Transfers to Children

A popular objective of many farmers is to pass the farm along to children Usually, however, the farmer desires to treat his children equally This desire, certainly a commendable one, has caused farms to be split and divided until their eventual small size makes them only marginally profitable

Usually the children do not have sufficient wealth to purchase the farm without mortgaging it The burden of this extra debt often forces sale of the farm

These difficulties can often be eliminated by proper planning of the estate

Planning Tools

There are many tools used by the estate planner to solve his client's problems

For very large or prosperous farms incorporation offers ease of distribution, sale, transfer, as well as income tax advantages and pension and profit sharing possibilities

Family partnership offers another attractive solution for the medium size or smaller farm It offers ways of passing the farm on to the farmers' children more easily and smoothly

Where the farmer desires it, life insurance provides needed liquidity and immediate funding for a buysell agreement

The Marital Deduction Trust is a useful estate planning tool to help in reducing the tax burden and provide flexibility in the estate

Planning Is the Key

Remember that the key to the solution of the problems outlined above and many others as well is planning

The planning must be done while there is time, preferably before you reach retirement Your bank trust officer can aid you in this planning—he is a **total** financial planner

In the planning process various documents may be suggested as necessary, these documents include wills, trusts, deeds, incorporation papers, partnership agreements or buy-sell agreements These are the tools for doing the work of a good estate plan They should be planned by experts and drafted by experts

In the long run, proper farm estate planning proves to be more profitable and beneficial to you and your family and gives you the security and peace of mind you deserve

BEEF UP

As a beef operator you're interested in maximizing your profit picture. You're looking for new ideas, new methods and new innovations that will help "beef up" your profit. Here's a program worth looking into. It's called "Van Dale Systems Feeding." It starts with maximizing your production of total digestible nutrients with increased haylage and silage. This permits the best use of your land and cattle coupled with a fully mechanized feeding system. Van Dale has the equipment and know-how for maximizing profits through mechanized feeding.

FORAGE BOXES
So let's bring it in from the field with a Van Dale *Forage Box.* These rugged built units are equipped with exclusive auger-type "beaters" that deliver all kinds of forage under all kinds of conditions. No clogging at the blower, as the forage is metered between the augers —not over the top!

SILAGE DISTRIBUTORS
Van Dale distributors insure even silage distribution throughout the silo for a maximum fill. The *1640 Power-Fil's* unique revolving deflector plate diverts the explosive force of incoming material and spreads it evenly in a continuous sweeping pattern to the wall. The 538 operates in an elliptical motion, directing forage to the outside walls of the silo. Varied spout rotation speed allows for even fills.

SILO UNLOADERS
There's a Van Dale unloader for every feeding application. These high performance twin-auger units can handle virtually any silage or haylage under the most adverse conditions . . . frozen, gummy or what have you, and do it fast. The *1230* has been customer-certified in the field to outperform, and outlast any make its size. For hard work in smaller silos there's the *1020F.* The *Industrial* is built for silos from 20 to 40 feet in diameter and has a capacity up to 40 tons per hour.

BULK STORAGE BINS
Supplementary feeds are easily handled with Van Dale's bulk storage feed bins. The *Super Stores* are available in 4½ or 7½ ton sizes. These units are fiberglas constructed. They won't rust, dent, corrode or absorb heat from the sun.

CONVEYORS
Whether straight-out, incline, auger or chain, Van Dale conveyors fit most any automated feeding system. The *SCC 1400 Chain Conveyor* is Van Dale's highest capacity conveyor. It handles all rations—safely. The *CT 200* and *300* auger type conveyors are adaptable to any feeding system. They're tough, efficient, easy to install and economically priced.

BUNK FEEDERS
Van Dale has a bunk feeder for every operation. The *SCF 1400 Traveling Bunk Feeder* is a single chain unit that will carry and feed virtually everything. The *Mammoth 14 Multi-Feeder* is an auger type designed especially for multi-lot operations. The *934* and *1234 Auger Bunk Feeders* are the sturdiest, smoothest operating, lowest cost feeders ever produced. Then, there's the stainless steel *Shaker Feeder.* A combination feeder and bunk designed for single-lot operations.

Van Dale Systems Feeding comes down to one word . . . efficiency. Van Dale offers various models and sizes of feeding equipment to most efficiently match the needs of every feedlot layout . . . old or new, large or small. Check with your Van Dale dealer to see what you need to maximize your profits. And ask him about Van Dale's new agri-leasing program.

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Pa. Poultry Output Is Up

Pennsylvania laying flocks last month produced 302-million eggs, an increase of 10 per cent from a year earlier but a decrease of two per cent from the previous month, the Pennsylvania Crop Reporting Service said recently

Rate of lay for December 1 is slightly below the previous month, but seven per cent above December 1, 1970.

Average price received by producers for all eggs was 30 cents on November 15 This price was five cents below a year ago, but one cent above last month.

Pennsylvania hatcheries produced 1 9-million egg-type chicks last month or 11 per cent above a year earlier.

There were 6 8-million broiler-type chicks produced in the state last month or 14 per cent above a year ago.

To Thine Own Self Be True

When it comes to our personal finances, most of us are reluctant to discuss them with anyone.

Reasons are numerous: we feel it's nobody else's business; we don't want to boast, and so forth.

It gets carried to the point, we've found from experience, that successful farmers don't want it reported about them that they're making money or that they're doing something because it makes them money—even if figures aren't mentioned and even though it should be self-evident that a farmer can be successful only if he's making enough profits to keep operating.

We think the right to privacy in these matters is one of the most fundamental of rights and farmers should always fight hard to keep this right

But while the farmer should have the right to keep his business from others, he should be very careful that he doesn't also hide it from himself. That is, he should always know, from a financial standpoint, where he is, where he's been, and where he's going.

Such knowledge is possible only with considerable effort.

It is possible only when the farmer knows his operation from A to Z; this type of an awareness exists only when the farmer can literally tear his operation apart and put it back together again—on paper.

This knowledge must include, but not be limited to, the following. complete knowledge of total costs and how they compare to past accounting periods, an understanding of why some costs are higher and lower, a breakdown of costs per animal, per bushel, per hundred pounds of milk; further breakdown of costs to show proportions going into labor, new machinery, machinery maintenace, buildings, fertilizer, medicines and so forth, comparisons with past years on all these items; proportion of income going to repay debt, meet taxes, and left over for profits; a reasonable future cash flow projection for future years to make sure that enough money will be available to meet bills and debts as they come due.

The farmer who has these and other facts and who truly understands his operation knows at all times just where he stands financially. He knows what his business has done in the past, he knows how it stands now, and he has a pretty good idea of where it's going to be in the future

Of course, things change and changing conditions must always be taken into account, but the farmer who has kept up with his condition can readily adjust his figures to reflect changing conditions.

Why is it important to know all these things? Many farmers who are quite successful can no doubt claim that they never look at their finances, except to pay bills and figure taxes. But while it's true that many local farmers learn enough to be successful by watching their successful relatives and friends, it's also true that farming keeps changing and getting more competitive. It's necessary to keep getting better just to stay even.

And one of the areas in which farmers across the country are getting better is in management, in pushing the pencil, in finding areas where they're losing money and eliminating them, in finding areas where costs are too high and can be cut, in finding areas where income is too low in relation to the amount of time spent, in finding areas where time can be spent more profitably.

It all boils down to making the operation a little more efficient.

Time doesn't stand still. Successful crops and practices are constantly changing. Often it's the changes which seem to be little ones that can make a big difference.

And it's usually the first farmers to discover successful new crops and practices who reap the biggest rewards. Once everybody else joins in, things get more competitive.

The farmer who pushes his pencil, who has a compete understanding of his operation and farming in general is prepared to make the right decisions. The farmer who is prepared can answer tough questions, based on facts from his own operation, questions such as the following:

Does it pay to hire custom operators who are increasingly available? Can I afford to buy the equipment which they will make unnecessary when I consider all the costs, including replacement? What is the time the custom operator saves worth to me and what alternative uses do I have for that time? Can the custom operator do a better or poorer job than I can do myself? As more custom operators become available and as equipment costs continue to rise, will the relative advantages of the custom operator increase?

What is the best use of my scarce land? Should I continue with all corn? Or should I have a few acres of alfalfa for a better cow diet? Now that the corn scarcity is over and corn prices relatively low again, should I consider another crop such as soybeans which have held their price? Should I try double cropping, such as barley and soybeans, to get the top return? Are some crops so cheap on the market relative to cost of production that I should quit growing them and devote my ground to more profitable crops? In order to take advantage of very low prices at harvest time, should I have more storage facilities; can these facilities actually pay for themselves in a short time?

Studies have shown that there are very high costs built into crop production, particularly for farmers who use costly equipment on limited acres. This equipment must be replaced and the cost of this replacement must be figured into the cost of production. With all costs considered, it is frequently quoted that it takes 70 to 80 bushels of corn per acre for the farmer to meet his costs. While most farmers locally grow far more corn, it is known that statewide many farmers do not. And it is believed that many of these farmers actually are losing money on their corn operations. Most of those losing on corn don't even know it, because their records are inadequate. Other crops or livestock must carry the load for corn, or else the farmer will eventually not be able to continue to operate.

The point, of course, is that an unprofitable corn operation is a drain on the financial strength of the entire operation. Farmers losing money on corn should either imporve this phase of the operation or else they would be much better off to save the time spent on growing corn and devote that time to the portions of the operation which are profitable. But only farmers who know exactly where they stand are in position to make decisions of this type.

(Continued on Page 12)

LANCASTER FARMING

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NOW IS THE TIME . .

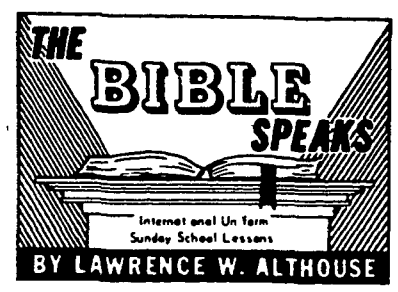
By Max Smith
Lancaster County Agent

To Make Farm Management Plans

Farming today is a business which requires modern management techniques and substantial capital investment. To keep abreast of modern technology farmers have to make any adjustments in their operations. These adjustments have resulted in larger farm units as farmers try to keep up with climbing costs and increase their income. Farmers who have made these adjustments are very likely to be disappointed in their expectation unless they planned carefully before making them. Adjustments made just for the sake of "size" and without proper planning may end up increasing expenses, risk, and management problems without any commensurate increase in net income. The farm manager should develop a long-range plan of operation. By doing so he will be able to determine what adjustments must be made to achieve his long-run goals. Planning permits farm managers to determine how proposed adjustments will affect farm income before actually making the adjustments: it saves time, money, and often disappointment. The newest tool in the farm managers kit is "linear programming". It makes planning easier and more meaningful. It not only shows the manager how proposed adjustments will affect farm income, but also gives the combination of crops and livestock that should be used to produce the highest net returns from the available supplies of land, labor and capital. The solutions also show the farm manager how much income will be sacrificed if he chooses a plan which differs from the one producing the highest income. The new tool is available to Pennsylvania farmers

To Check Farm Pond Winter Safety

Even though we have had some very mild weather this winter we can be sure we have some cold days and nights ahead of us. Cold weather makes possible the winter recreation of ice skating. Frozen farm ponds are attractive for skating and recreation, especially during the holiday season. Thickness of ice is not always an accurate measure of its strength. Slush ice, for example, is about half as strong as clear, blue ice. New ice is stronger than old ice, and ice formed by direct freezing of pond water is stronger than that formed from melting snow. Generally two inches of ice supports one man on foot. Three inches will support a group of people single file, and at least 7½ inches are required to support a car or truck. Exercise caution with ice covering spring-fed bodies of water, or that on stream with fast moving current. Thickness of ice on these may vary considerably. Many farm ponds provide good ice skating, but always make a test of ice thickness and other safety factors. Keep a straight ladder or coil of rope handy for rescue purposes.



IS LOVE "WEAK"?

Lesson for January, 1972

Background Scripture: Luke 6

Is Christian love indicative of moral weakness?

There are many today who think so, including some who are presumably members of the various churches. Mercy is equated with cowardice, benevolence with compassion with evil. Those who take seriously Jesus' teachings on love are regarded not only as being in error, but subversive and dangerous as well.

Rev. Althouse

But Jesus says . . .

The teachings of Jesus seem no less acceptable today as they did when he first appeared to the world:

Society advises us to hate our enemies . . .

. . . **but Jesus says** to "Love your enemies"!

Society suggests that we return hatred to those who hate us . . .

. . . **but Jesus says** "do good to those who hate you"!

Society demands that we return blow for blow . . .

. . . **but Jesus says** we are to "turn the other cheek"!

Nietzsche once said, "Distrust all in whom the impulse to punish is strong." In interpreting this remark, psychiatrist Karl Menninger has pointed out that those who often call for the harshest measures against wrongdoers are those who feel uneasy because they have entertained the same ideas themselves. "No one is more bitter in condemning the 'loose' woman than the 'good' woman who have on occasion guiltily enjoyed some purple dreams themselves. The "first stone" is always "cast" by someone who himself is not "without sin."

The courage to love

Thus, hatred and anger and the withholding of mercy and love are often means of coping with our own secret sense of sin. If we can find an obvious object of guilt — the town drunkard or adultress — we can load all our own guilt upon this person, just as the ancient Hebrews practiced a rite of loading their sins upon a "scapegoat" and driving him into the wilderness.

It takes courage, however, to face the realities of sin and failure in our own lives. To project our hostilities upon others is the greatest weakness. It is the real cowardice to condemn another because we don't have the courage to face our own failures of morality. This doesn't mean the Christian ought never to punish, but that he ought never to punish either in self-righteousness or with the obvious pleasure that often is so evident in our society. Jesus never counseled us to enjoy the sins of others.

The problem, then, with developing "enemies" is that allows us a coward's way-out. The lack of love we show our enemies may be even more injurious to ourselves than it is to them.

Is love weak? Look at the cross of Christ and tell me what you see there!

(Based on outlines copyrighted by the Division of Christian Education, National Council of the Churches of Christ in the U.S.A. Released by Community Press Service.)

Is It Best Way to Spend Limited Funds? Economist Says:

Cost of Pollution Control Must Be Weighed With Other Needs

Getting rid of pollution in one respect often creates other undesirable effects, says Dr. Donald J. Epp, Pennsylvania State University agricultural economist.

Dr. Epp finds this "trade-off" between alternatives may exist in four aspects—a trade-off between environmental quality and other needs, a trade-off between geographical areas, a trade-off within the various parts of the environment, and a trade-off in degrees of environmental cleanliness

Just as a family must sometimes choose betwen alternatives, society must make choices in the kinds of pollution it accepts, he stated recently.

"I think we will face rather quickly the trade-off between environmental quality and other needs," he declared at the annual meeting of the Cooperative Extension Service at Penn State.

As an example, he described a Pennsylvania city under orders to upgrade its sewage treatment facilities so that a stream now contaminated will meet standards for swimming and other contact water sports At hearings involving the situtation, a consulatant testified that the city could build 10 olympic-size swimming pools annually for the cost of improving water treatment facilities

Citizens of this and similar communities will ask the question, "How do we get the most benefit from spending the money?" Dr Epp pointed out In such cases, however, the people are not allowed a choice since standards indicate the stream must be cleaned up

"As we at Penn State continue working on environmental problems, we must make known the alternative ways of getting whatever benefits people want from the environment These are as important as knowledge of the standards for environmental quality," he affirmed

Dr Epp described a Federal government estimate of $105 2 billion needed over the next 6 years to clean up the environment thoroughly This amounts to about $17 5 billion annually

People will ask whether this is the best way to spend the money They may point out that this money could double expenditures of all state and local governments for police protection, correctional institutions, and public assistance, he observed

The $17 5 billion is about two-thirds of what the nation spends annually for all public elementary and secondary schools A two-third increase in financing for school systems might improve communitites substantially Cleaning up streams could also improve communities *The people must decide which expenditure will be made*

The "trade-off" in geographical areas could prove equally serious for some Pennsylvania industries, he claimed Certain industries may be compelled to move elsewhere because of high costs required to meet strict environmental standards Increased standards for one stream receiving sewage effluent from a paper mill will raise production costs for sewage treatment by $17 80 per ton of product This is almost six times the current cost for sewage treatment

Unless the company has other advantages for remaining, they will most likely move to another state, Dr Epp predicted Is the resulting improvement in environmental quality worth the loss of jobs, he asked This is a "trade-off" that should be considered

"Alternatives" between different parts of the environment were also discussed Cleaning up raw sewage from a stream by installing a sewage treatment plant and then burning the resulting sludge takes "dirt" out of the water and puts it in the air.

Burning of refuse instead of using land fill is another example of "trade-off' from soil and water pollution to air pollution.

Dr. Epp said a fourth "trade-off" exists in degree or extent of pollution. He claimed the natural environment consists of various degrees of cleanliness Pollution is not strictly a man-made activity and the natural state environment is not absolutely clean

It is not necessarily true that distilled water must run in every stream before the natural environment is cared for properly, he affirmed Man can use the environment to dispose of many waste products and the environment will clean it up—provided the system is not overloaded.

ABS Appoints Carter

Harland E. Carter has been appointed District Sales Coordinator, according to an announcement by Willard A. Krueger, vice president of Marketing for American Breeders Service, Inc., a subsidiary of W. R. Grace & Co. Carter's territory is composed of northcentral Pennsylvania and he will be assisting ABS District Sales Manager, William Berg of Muncy, Pa., in the business developments in this area.

Nursery Meeting Set

A Southeast Pennsylvania Nrusery meeting will be held Thursday, January 6, at the Holiday Inn, Goddard Boulevard, King of Prussia

The program begins at 1·30 p m. with a welcome from James K Rathmell Jr.

Speakers and their topics will include: "Dogwoods," Robert MacDonald, director of Tyler Arboretum, "Green Carpets" by Dr J.R. Nuss, Penn State University Extension ornamental horticulturist, "Systemic Fungicides" by Professor L P Nichols, Penn State Extension plant pathologist, "Fertilizing Ornamentals, Fact or Fancy," Dr Nuss, "Plants and the Computer" by MacDonald, and "English Nurseries" by Rathmell

Following the meal at 6 p m , Rathmell will speak on "European Nurseries "

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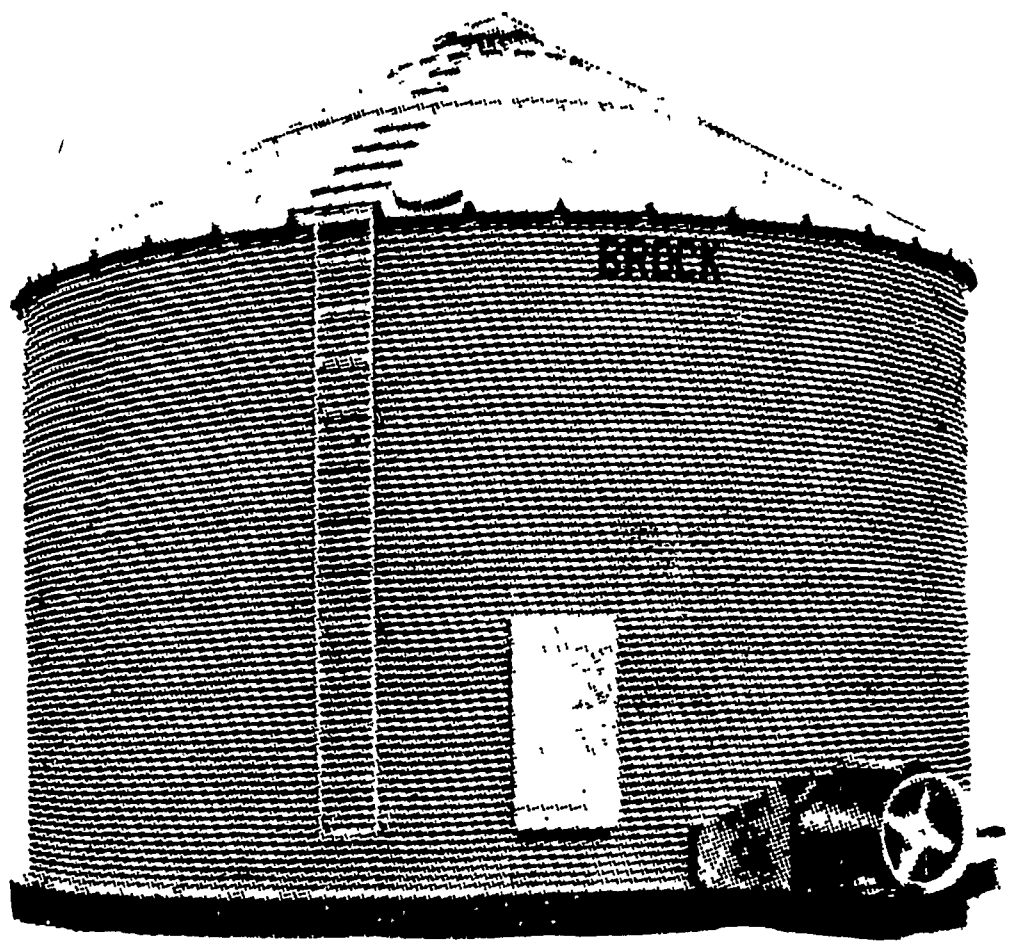

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To Thine Own Self Be True

(Continued from Page 10)

Other questions which should be asked include Is my livestock operation making money, or would I be better off simply to sell my corn and grain for cash?

Market busts such as the current egg market present particular problems for farmers, even veterans who know they can weather the storm and make profits in the long run It's important to be prepared for these busts and know exactly how they will be overcome, and how the entire operation will be financed in lean times

Farmers are frequently warned not to let their bank statement be their guide on how well they are doing To show why, let's take the case of a young farmer who's fortunate enough in the beginning to be able to get credit to buy a new farm and new machinery Not wanting to put all his eggs in one basket, so to speak, he develops a diversified operation that includes a large laying operation, some livestock and crops. Although he has high debt payments, he proceeds very successfully for many years—his bank account is steadily growing But several years later, his debt remains high, his machinery is worn out, he's losing money on eggs, his poultry house is worn out and obselete, and, because his operation is not really very efficient, the livestock and crops will not make up the difference. Suddenly, in order to keep farming at all, he must make major new expenditures, because costs were rising, these expenidtures for building and machinery may be more than he paid originally for the farm Thus it is that the farmer who doesn't know what he's doing can have a good bank balance and still be in serious financial trouble, he can literally go bankrupt making what appears to be a profit every year

The farmer who carefully evaluates his operation from every direction and who makes sure that his operation is stronger each year than it was the year before will not make this kind of mistake He will see the situation developing many years in advance and will remake his operation to avoid it

Unfortunately, many farmers who are good in the fields and in the barn are not adequate behind the desk. Many are saved by wives or other relatives who are good with the pencil.

But we're sure that a great many farmers still have not adequately come to grips with the financial and bookkeeping side of their operations.

Our advice to farmers is not to underestimate the role that good records properly used can play in your future

A good accountant who appears to be expensive may save you many times his cost. This is particularly true at tax time; many farmers fail to take advantage of the tax laws, as other businessmen do. Tax laws change from year to year and most farmers cannot spend the time it takes to be competent on tax law.

Extensive assistance on records and record systems is available from many sources. Two of the best known of these sources are the Cooperative Extension Service and the Pennsylvania Farmers Association. Many agribusinesses are also devoting increasing attention to this important phase of farming.

No matter how private your finances are, make sure they're perfectly clear and open to yourself.

Fix-It Tip

Before winter sets in with a firm grip, remember to turn off the water supply to the outside faucets and to drain them. Should a pipe freeze, turn off the water supply, open the faucet and apply heat slowly until thawing starts. Use electric heating cable, a hair dryer or a heat lamp In case a pipe splits, you should have a few pipe clamps on hand and some pieces of rubber hose These will hold things until repairs can be made

* * *

Ellipsoidal Orbit

Like every orbit in space, that of the moon is an ellipse The eccentricity of the moon's ellipse is, on the average, one part in 18

New DES Rules Adopted

A new certification program imposing additional restirctions and controls on the use of diethylstilbestrol (DES) becomes mandatory January 8, the U.S. Department of Agriculture announced recently.

DES is a synthetic growth promoting hormone used in livestock feeds. Under the new program, Federal meat inspectors will hold all cattle and sheep from slaughter at least seven days unless the animals are certified as not having been fed DES, or as having been withdrawn from DES at least seven days before slaughter

The new program provides three alternatives for handling cattle and sheep at slaughter:

(1) The animal may be slaughtered if certification requirements have been met; or

(2) The animals will be held alive for the required seven days; or

(3) The animals could be slaughtered, with samples sent to a USDA-approved laboratory for testing. Meat from the animals could not be marketed, until the tests prove they are free of DES residues.

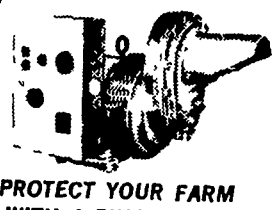
The new program will help provide further assurance that DES residues will not be found in the nation's meat supply, officials of USDA's Consumer and Marketing Service said. Violators will be subject to criminal prosecution by the Food and Drug Administration.

The new program, officials said, is essentially the same as the one USDA proposed in the Federal Register November 9 Changes in the certification procedure were made, however, to provide for sale of livestock by farmers to packing houses through marketing agents. Some of the comments USDA received on the proposal pointed out that the proposed regulation provided only for certification of livestock sold by the farmer directly to the packinghouse.

USDA received 74 comments on the proposal, including comments from consumers and consumer groups, farm and livestock organizations, a member of Congress, meat packer organizations, a state agency, a local government agency, and an ecology group

Details of the new program were slated to be spelled out in the Federal Register December 24. Copies of the amendment are also available from the Meat and Poultry Inspection Administrative Group, C&MS, USDA, Washington, D. C. 20250.

When Power Fails



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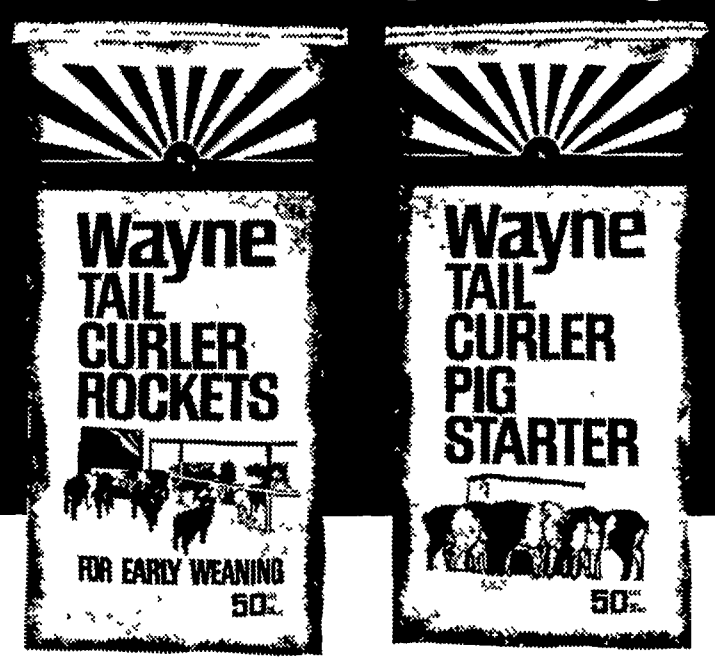
Headstart Early Weaning



All-New! Here's great new profit-making help for you—all-new Wayne Tail Curler Rockets. Pigs can be weaned as early as 3 weeks. This pre-starter formula is rich in milk products for added taste appeal and fast starts.

Follow with all-new, highly fortified Wayne Tail Curler Pig Starter, with the quality protein to build 50 pounds of pig *fast!*

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Feed for the difference Innovations make.

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Commonwealth National Bank

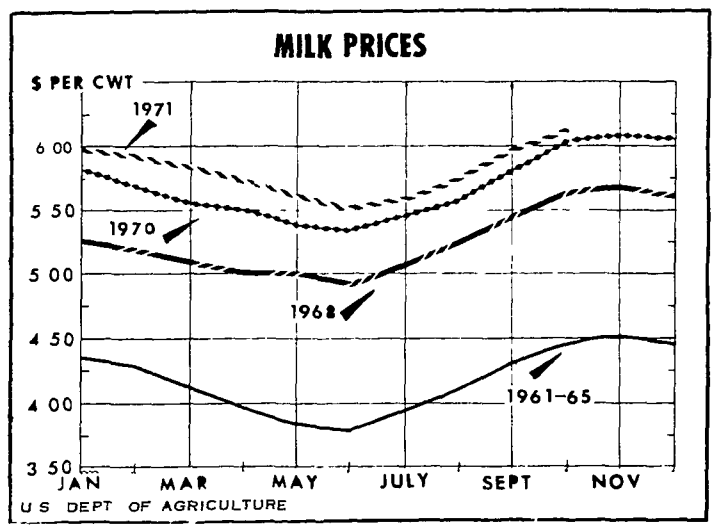
Serving The Agricultural Community of South Central Pennsylvania

Advertising Supplement to Lancaster Farming

THE FARM PICTURE®4511

JANUARY 1972

MILK SITUATION AND OUTLOOK—The basic production and price trends look about the same in 1972 as they were in 1971. Total milk production is expected to increase about 1 percent for the year, as a 2 percent gain in output per cow more than offsets a small decline in cow numbers. Dairymen have the largest supply of herd replacements since 1960, the labor situation is not as tight as in recent years, feed costs are lower and milk prices are at a record high level. Although anything is possible, don't bank on an increase in support prices this year.



IMPORTS OF DAIRY PRODUCTS—One of the toughest problems of the dairy industry is getting the import-export situation in balance. At the present time, imports of dairy products are outrunning exports about 3 to 1. The U S market is attractive to dairy producers in foreign countries for several reasons World supplies are large European nations subsidize their exports Prices in the U.S. are supported at relatively high prices

DAIRY STEERS—**There's not much letup in sight to the strong demand that has pushed feeder cattle prices $5.50 to $6.50 over a year earlier. Your dairy steers rank high in feeding profit potential, should sell well.**

BEEF COW HERDS—Demand for calves will be strong for a long time The growing population wants and will pay for quality beef Feedlots will have to finish more cattle that will have to come from expansion of cow herds No longer can fed beef supplies be increased much by feeding a higher percentage of the calf crop

FED CATTLE—Look for some downward pressure on prices during the next 60 days Marketings are estimated 4 to 5 percent above a year ago, and cattle are going to slaughter a bit heavier There are no big price breaks in the picture. Demand for beef has been good all along and it will be getting stronger with the improvement in the general economy But the fed cattle market will show an easier trend because of the increase in supply

HOGS—**Prospects are good that you will see some price strength in the hog market during January and February. Slaughter will be down from the November-December period, 7 to 9 percent below last January-February. This is the result of the cutback in June-August farrowings. Prices should range between $20.50 and $22 for butchers weighing 200 to 240 pounds. Buying feeder pigs looks profitable at recent price range of $17 to $21 for 40-pounders.**

POULTRY—**Egg profit prospects** look moderately brighter in 1972—especially the last half of the year Costs will be down, and egg prices a little higher **Broiler prices** the first half of the new year will be about the same as in 1971 Supplies will be up a little but there will be less competition from pork. **Turkey prices** should run above a year ago during the next 6 months. Lower feed costs likely will bring some increase in production.

CORN—**Disappearance in the year ahead may reach 4.75 billion bushels—up from 4.45 last year. Even if that much more corn is used, the 1971 crop of about 5.5 billion bushels means a record increase in carryover of about 800 million. The loan redemption rate will be a ceiling on corn prices—between $1.15 and $1.20 per bushel in terms of July futures. Cash corn prices will rise toward the loan redemption rate as the storage season progresses, but futures are likely to decline. Now is a good time to buy corn you will need for feed this winter.**

The 1972 crop corn futures are about 20 cents above the net loan level. This implies a bigger acreage cut than is likely under the feed grain program. It looks like corn supplies will be large for quite awhile.

OATS AND BARLEY—Combined supplies are slightly below a year ago But prices will be tied to corn. Sell

WHEAT—The big 1971 crop and prospective use in the year ahead add up to a very large increase in the carryover next summer. A sale above the loan rate will prove to be a good one This holds even though the big surplus is in hard spring wheat which tends to take some of the pressure off the Chicago and Kansas City markets for wheat

WOLF

A REPORT FROM THE NATIONAL AGRICULTURAL CREDIT CONFERENCE

By Dean Wolf, Editor
THE FARM PICTURE

Amid all the uncertainties in the future of farming and ranching, you can be sure about a couple of things

1 The credit needs of agriculture will continue to grow — probably even faster than in the past

2 Commercial banks, such as the one that sends you THE FARM PICTURE each month, will do everything in their power to make sure farmers and ranchers get the financial backing needed for a strong, competitive agriculture

IT TAKES LOTS OF CAPITAL ALLEN

That came through loud and clear at the 20th National Agricultural and Rural Affairs Conference held recently in Kansas City Sponsored annually by the American Bankers Association, this conference is to the nation's agricultural bankers what the "game of the year" is to your favorite football team This year 749 registered for the conference, indicating the keen interest bankers have in the credit needs and financial affairs of agriculture

A special agricultural credit task force, set up by the American Bankers Association, presented preliminary reports Here are some of the trends of importance to farmers

- Total dollar credit needs will be much greater in the future
- Individual loans will be larger as farming operations grow in size and become more highly mechanized
- The need will increase for longer term operating loans and for specialized loans Terms will be tailored to the type of farm operation and prospective schedule for repayment.
- The concept of continuous credit will grow This is the leasing of capital — with the farm business never planning to be out of debt but simply managing debt continuously
- There will be pressure for ways to finance so-called "growth operators" or "comers". These are the farmers with some demonstrated or probable potential for success but needing credit on terms far more liberal than is usually considered bankable credit Included in this category are operators who are long on ability and know-how but short on financial assets.

One of the task force reports concluded that agriculture, in most cases, has been adequately financed in the past, and will be in the future But the job ahead will take some changes in and out of the banking system

One of the big problems is getting enough money into the right places. For example, there is a growing need for transferring funds from urban centers into rural communities. Rural banks simply will not be able to generate the amount of deposits needed to supply the credit required by their farm and ranch customers.

The correspondent banking system now in operation is working effectively in many instances to provide rural banks the additional funds they need to finance farming But the system has limitations It does not, for example, serve as a mechanism for shifting funds from urban centers to rural areas

The task force pointed out that banks should be working toward identification of secondary markets for farm credit "paper" and the development of trade channels or vehicles to move such credit into the secondary markets This would help increase the supply of loan funds available to farmers

There also needs to be some way of sharing the risk or insuring against loss — in addition to the usual way of participation in a loan It was pointed out that possibly society as a whole should accept responsibility for some of this risk to insure a healthy agriculture and plenty of food.

A new approach to the business of financing agriculture in the future is likely to come from the efforts of bankers serving on the ABA's agricultural credit task force. Their recommended action focuses on seeking legislation that would permit banks to join together in forming an agricultural credit corporation.

This could be an organization of commercial banks operating on their own Or it may involve some financial backing from the government to provide for a more ready marketability of the corporation's paper to banks and others with a surplus of loanable funds. In either case, the purpose of the new corporation would be to increase the money available for financing farmers and ranchers.

The ag credit corporation also would open the way for commercial banks to tap the secondary money markets. One way would be through approval to issue debentures just as the Farm Credit System can do now. If not that, it could approach insurance companies, pension funds, or other sources of money and offer participation in loans held by the ag credit corporation.

A bill has been introduced in the U S. Senate that would enable national banks to invest up to 10 percent of their unimpaired capital and surplus in an agricultural credit corporation. Authorization of state banks to participate would have to come from state legislatures Some states permit this at the present time

The important thing about all this from the viewpoint of farmers is that the nation's agricultural bankers are out in front working on ways to assure adequate financing for agriculture in the future Their attention is not only focused on providing enough credit but also on loan terms that fit the changing needs of farmers and ranchers.

FINANCIAL PLANNING KITS ARE AVAILABLE

Printed forms are available to help you with your financial planning. They will help you determine credit needs, get a loan and avoid cash flow problems Individual financial planning kits at $2.50 each may be ordered from Farm Business Council, 1300 Hagan St, Champaign, Ill. 61820 Please send check with your order.

SCHEDULE D: A NEW LOOK THIS YEAR

By B A Henry, Tax Consultant To THE FARM PICTURE

When you prepared your income tax returns in the past you looked to Schedule D as the place to record capital gains and losses. This is still the correct schedule to use but now it has a new format

This has come about through the change in depreciation recapture rules and the change in long term capital loss treatment in the 1969 Revenue Act as well as the varied kinds of property receiving capital gain treatment There has been recapture of depreciation as ordinary income in some form since 1962 However, the new additional provisions create situations that require a highly complex form to report all potential transactions.

The problem comes home when we consider the definition of capital assets or *section 1221 property* They are defined as any property held by the taxpayer except these five categories (1) property held for resale (inventory), (2) real and depreciable property used in a trade or business, (3) accounts receivable acquired in business, (4) copyright in the hands of the creator, and (5) certain kinds of government securities.

Thus the definition excepts just about all assets that most farmers might own. Most of a farmer's assets would be included in the number 1 and 2 exceptions above. The items that are left after these exceptions, however, are capital assets — including personal residence, household goods, personal share of the automobile, stocks or bonds, and speculatively purchased commodity futures.

Transactions relating to capital assets are reported on Schedule D These are the easy ones to take care of. Depending on the period held, they are either short term or long term capital gains or losses The schedule handles them readily If there is a long term loss, or if you are carrying forward a long term loss, the schedule provides the mechanics for offsetting it against gains. Long term losses that were incurred before 1970 offset gains dollar for dollar. A new provision requires $2 of loss to offset $1 of gain after 1969.

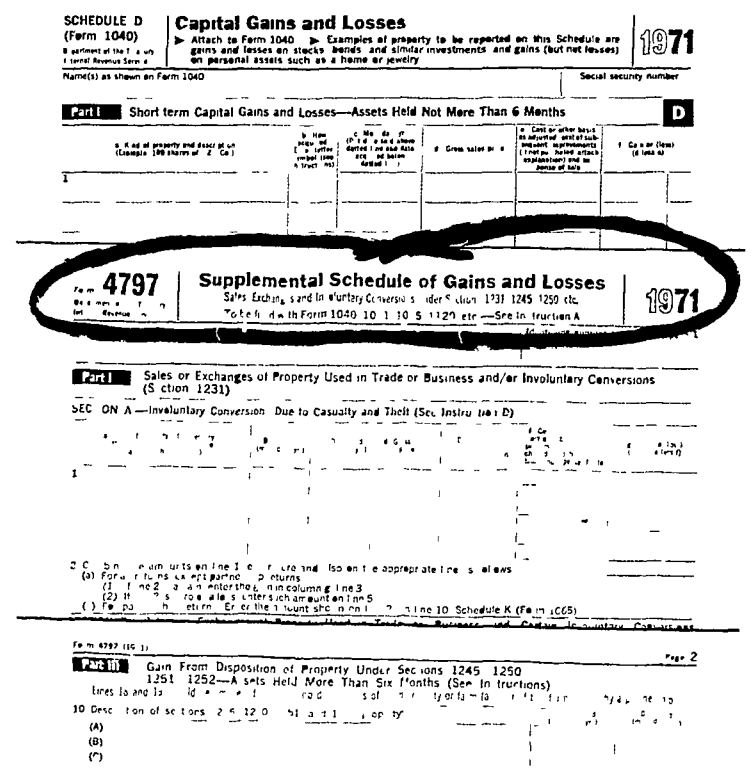
This means that losses now get the same treatment for the IRS that gains have received for the taxpayer. Being true capital assets, no depreciation is allowed on the transactions described Therefore, the new schedule D does *not* make provision for any depreciation.

Some assets which farmers have commonly thought of as capital assets are included in exception 2 — real and depreciable property used in a trade or business and held six months or more. Transactions involving these assets will not fit the new schedule D and so must be taken to a brand new form, 4797 Supplemental Schedule of Gains and Losses. This schedule became necessary to handle items that are designated as 1231 assets — capital-like assets on which depreciation is allowed.

Transactions involving 1231 assets can be reported as capital gains or losses with the appropriate treatment because the statutes specifically provide for it This could mean that any gain above the adjusted basis would be reported as capital gain and only half of it reported in adjusted gross income Changes were written into the law the past few years, however, to prevent the deduction of depreciation from adjusted gross income and the reporting of half of the gain when sold. Section 1245 deals with personal property and section 1250 deals with depreciable real property

The effect of these sections is to recapture gain to the extent of depreciation taken, or additional depreciation taken in the case of depreciable real property What is recaptured is treated as ordinary income Any gain above the original basis, of course, would receive capital gain treatment but not that which has been written off as a full depreciation deduction. Sections 1245 and 1250 have different effective dates, ranging from 1963 to 1970. Thus, proper provisions had to be made for their consideration — and thus schedule 4797 was designed

A major part of schedule 4797 is for the purpose of segregating ordinary income from potential capital gain income when dealing with section 1245 and section 1250 property After that has been accomplished, the schedule provides direction for where to carry the separate categories of gain or loss to other sections of 4797 and to schedule D.


SCHEDULE D (Form 1040)

Capital Gains and Losses

▶ Attach to Form 1040. ▶ Examples of property to be reported on this Schedule are gains and losses on stocks bonds and similar investments and gains (but not losses) on personal assets such as a home or jewelry

1971

Name(s) as shown on Form 1040 — Social security number

Part I Short term Capital Gains and Losses—Assets Held Not More Than 6 Months — D

Form 4797

Supplemental Schedule of Gains and Losses

Sales Exchanges and Involuntary Conversions under Section 1231 1245 1250 etc.

To be filed with Form 1040 10 1 10 5 1120 etc —See Instruction A

1971

Part I Sales or Exchanges of Property Used in Trade or Business and/or Involuntary Conversions (Section 1231)

SECTION A—Involuntary Conversion Due to Casualty and Theft (See Instruction D)

Form 4797 (1971) — Page 2

Part II Gain From Disposition of Property Under Sections 1245 1250 1251 1252—Assets Held More Than Six Months (See Instructions)

10 Description of sections 2 6 12 0 51 a 1 1 op by

(A)

(B)

(C)

The final job is to carry out the reporting of capital and capital-like transactions as has been done in the past The main difference now is that there are more special situations provided by statute That's why schedule D was given a new look A format was needed to handle any transaction or combination of transactions, some of which take precedence over others

Remember two things about purchased breeding livestock. First, there are new holding period regulations. Cattle and horses acquired after December 31, 1969 must be held at least 24 months and all other breeding stock must be held at least 12 months. Second, these livestock must be given the appropriate recapture treatment.

The important point of all this is that format changes will make the use of Schedule D a new experience this year Don't wait until you are ready to file your return to examine the appropriate forms Get them early so you can study them They are designed to do the job precisely but you must be able to apply your special situation to them If it looks too complicated, get professional help with your income tax return

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Ag Policy Forum

THE SECRETARY AND FARM POLICY

For the first time in 23 years, a secretary of agriculture has resigned in the middle of a presidential term All the reasons probably will never be known But 1972 is an election year, record wheat and corn crops were produced in the first year of a "new" farm program designed to stabilize prices and incomes, and Midwest corn prices plunged below $1

Senate hearings on the appointment of Earl Butz gave office seekers a chance to show concern for farmers. And the controversy that developed suggests that farm policy will be a key election issue.

Remember, however, that no matter who is Secretary of Agriculture, Congress holds high cards in determining many policies he carries out. Even the flexibility in administering the Agricultural Act of 1970 depends on money appropriated by Congress.

The options open to the Secretary under the present law include: (1) government buying of feed grains and wheat to take them off the market, (2) raising loan rates, and (3) increasing the set aside for 1972 plantings.

Greatly increasing government holdings of feed grains and wheat boosts storage costs, and eventually such stocks move back into the market to depress prices. The experiences between 1960 and 1965 clearly showed the limitations to the government's role in storing and pricing grains

Raising support prices would be attractive to some farmers But it would require more control of production than other farmers want Raising payment rates would retire more acres but the higher government costs could bring adverse public reaction against all price stabilization programs

Plain Talk About
FINANCIAL STATEMENTS

* Bucher

The bank needs a new financial statement from each borrower every year The examiners require it, and you and the bank need it to understand where you are going financially The best way to determine where you are going is to compare where you are financially with where you were last year and five years ago

You should prepare your statement about the same time every year because inventories of grain, feed and livestock will be in about the same relationship each year The exact date can and should vary according to your plans, but an effort should be made to prepare the new statement the same month each year If you are to have a good view of your progress, you must keep a consistent plan for reporting asset values and debts

There is no best way to place value on equipment, but many customers like to carry the current value the same as they use for income tax purposes The pricing of grain and livestock should be at market value

The hardest job is to place a value on real estate owned There is more misunderstanding regarding the valuation of real estate than any other asset Most bankers prefer to list the real estate at its cost plus capital improvements made This figure may well be less than the current market value However, reporting the value this way makes it easy to see how much you have increased your net worth due to retained earnings This is important because it shows how much profit you have made and have been able to save More important, it shows if you can repay your loans out of profit or have to liquidate assets to make the payment

If you write up the land to its current value due to inflation, your financial statement will look a lot better, but don't be fooled by the increase in net worth due to rising land prices If you do not write up land values, then both you and your banker should make a record of its current value to determine your true net worth because this is one of the figures you need when determining how much you can borrow

For a specific loan, it may not be necessary to list all assets, but you really gain nothing by withholding information You should always list all debts — large, small and in between The only way a banker can give the kind of financial help a farmer needs is to provide a complete financial statement

* Robert O Bucher Agricultural Relations Officer

Commonwealth National Agri-Loan Corp.

Commonwealth National Agri-Loan Corp is a subsidiary of Commonwealth National Bank Its sole purpose is to serve the financial needs of the South Central Pennsylvania agricultural community Ask at your nearest Commonwealth office, or call Mr Robert P Bucher, Manager, direct, collect, in Lancaster (717) 393-5601, ext 278

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Serving The Agricultural Community of South Central Pennsylvania

This copy of THE FARM PICTURE comes to you with the compliments and good wishes of the Agricultural Department of the Commonwealth National Bank and the Agri-Loan Corporation.

THE FARM PICTURE is a monthly newsletter that we find very helpful. Each issue updates the farm outlook for our major commodities and then goes on to help with many things related to money and money management.

If you want to receive the newsletter, just fill out the order form below or provide the same information on a post card and mail it to me at the bank. Each month you will receive a free copy of THE FARM PICTURE with our compliments.

Robert P. Bucher
Agricultural Relations Officer
Commonwealth National Bank
Lancaster, Pennsylvania 17604

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Among those honored at the annual Atlantic Breeders Cooperative Chirstmas banquet this week were: left to right, front row, Mrs. Betty M. Swanger, Manheim RD2, payroll and insurance; Mrs. Eileen K. Groff, Lititz RD3, five years, communications secretary; Miss Beverly Y. Johnson, East Petersburg, sales secretary; back row, J. Floyd Weidler, Lancaster, in charge of production at the Lancaster facilities, 25 years of employment; Harry F. Roth, Landisville, assistant manager and director of breed programs, 15 years with Atlantic; Earl W. Landis, Lancaster, barn man, 15 years, and Lloyd B. Denlinger, Lancaster, barns and maintenance, 10 years. Charles Sherr, Lititz RD3, was also honored for 20 years as part-time maintenance. In presenting the 25 year award to Weidler at Hostetter's Dining Hall in Mount Joy Monday, David Yoder, ABC general manager, commended Weidler for his record as a field technician, laboratory assistant and supervisor.

Japanese Beetle Spreads

The Japanese beetle quarantine area is being extended to 21 previously unregulated counties in eight States because of additional natural spread that occurred this year, the U.S Department of Agriculture (USDA) announces

Notice of the extension will be effective upon publication in the Federal Register, which was scheduled for December 17 Counties in Georgia, Illinois, Indiana, Kentucky, Michigan, Ohio, South Carolina and Tennessee are affected

The Federal interstate Japanese beetle quarantine is designed by USDA's Animal and Plant Health Service (APHS) to retard the artificial spread of this destructive insect through shipments of infested articles The beetle spreads naturally by flying and the quarantine lines must be adjust each year

Articles that might carry Japanese beetles must be inspected by a plant protection official, treated if necessary and certified free of beetles before they can be moved to an uninfested area. Shipments can move within the quarantined area without regulation Soil, plants with roots, compost, grass sod, plant crowns, roots, true bulbs, corms, rhizomes, tubers and used mechanical soil-moving equipment are regulated

Japanese beetles attack more than 275 kinds of trees, shrubs, field crops and garden plants To date, established infestations have been confined to an area stretching from Maine to Georgia and west to Illinois—a total of 22 States

Counties to be regulated include Bibb, Elbert and Oglethorpe in Georgia, DuPage and Kankakee in Illinois, Parke in Indiana, Breathitt, Casey, Clark, Edmonson, Hardin, Magoffin, Morgan, Owsley and Wolfe in Kentucky, Allegan, Berrien, Cass and Oakland in Michigan, Allen, Champaign, Clark, Defiance, Delaware, Greene, Hardin, Highland, Logan, Madison, Montgomery, Morrow, Union, Van Hart, Williams and Wyandot in Ohio, Union in South Carolina, and Blount and Weakley in Tennessee

Wentink Explains NEPPCO Reasons for Egg Adjustment Act

Hendrik Wentink, of Pennfield Corp., NEPPCO vice president, summarized NEPPCO's reasons for supporting the Egg Industry Adjustment Act in a talk before the New Hampshire Poultry Growers Association December 15 as follows:

—Marek's vaccine and the cholesterol scare stories have greatly intensified the current "low" period of the industry's supply-demand cycle to the extent that both large and small producers are experiencing unexpected and severe financial problems.

—Regardless of who or what is to blame for this depression, everyone needs and deserves some relief, particularly the smaller producer.

—Statistics indicate that a relatively small percentage of fowl "sell-off" will be required to correct the current over production, little more than would normally be sold off. And, the 10,000 bird exemption will protect the small producer while being of little help to the big egg complexes. Statistics also show that the first UEP "Action Now" (fowl sell-off) program did some good even though only about half the industry participated. It would appear, therefore, that a mandatory, nation-wide fowl sell-off would be much more effective

—No one looks upon this program as "controls", but as a simple one-shot emergency program to quickly give all producers a financial "breather".

—Everyone who participated in drafting the Act appears to be honestly putting the industry's welfare above selfish interests.

—If a majority of the nation's producers favor the Act, as it appears they do, NEPPCO will be helping its members by supporting it, helping to enact it, and being represented on the Egg Industry Adjustment Board that will advise the Secretary on its implementation.

Meanwhile, NEPPCO officials said egg producer members' views on this Act are earnestly solicited. On a matter of such economic importance to all producers, your Board and your Staff want to represent the position of the majority, indeed, a substantial majority Write or call your state NEPPCO director, any Council officer or Dick Ammon at NEPPCO headquarters

Hearings on the new act have been promised early in the second session of the U.S 92nd Congress that convenes in January. The proposal was introduced before Thanksgiving in the House by Rep John Dow (D-N Y) as HR 11913 and in the Senate by Sen Herman Talmadge (D-Ga) as S 2895.

Both bills contain the basic provisions previously reported with two exceptions The requirement that birds to be slaughtered be between 20 and 40 weeks old was removed because the USDA held that such restriction was unenforceable, and the sentence specifically excluding contract producers from the definition of an "egg producer" was dropped

In addition to the UEP and its seven regional co-ops, the act is now supported by some 24 state poultry and egg associations and two regional trade associations

Also, the American Farm Bureau Federation approved a resolution supporting the act at its annual meeting recently in Chicago on conditions that the proposal be amended as follows: to include a limitation on replacement of liquidated birds, require a producer referendum, and redefine producer to include a representative voice for contract egg producers

Pa. Apples in Storage Up

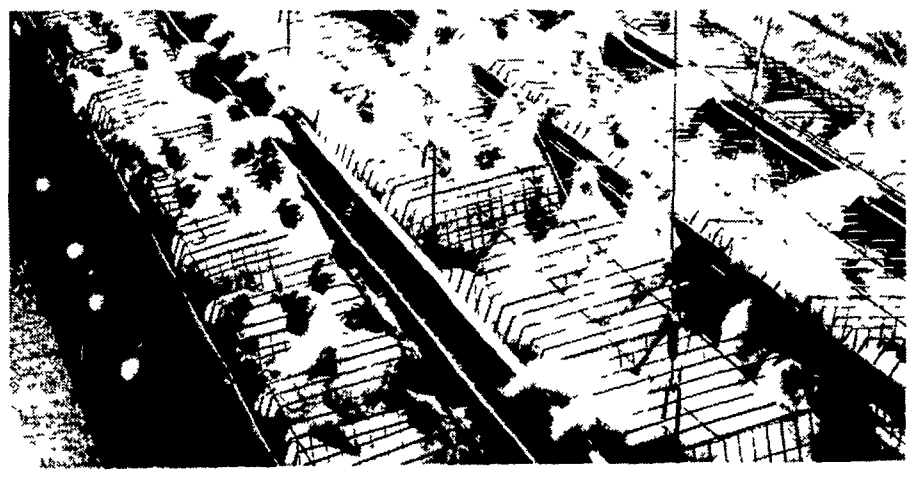
Pennsylvania apples in cold storage as of November 30 totaled 211,342,000 pounds, an increase of 8,650,000 pounds from last month and 21,742,000 above a year ago, the Pennsylvania Crop Reporting Service said recently

The 211,342,000 pounds converts into 5,032,000 boxes of 42 pounds each

In thousand pounds, the apples by brand in cold storage are as follows York, 66,105, Stayman, 30,304, Rome, 42,924, Red Delicious, 31,850, Golden Delicious, 29,465, Jonathan, 717, McIntosh, 927, and others, 9,050

A FRESH ANSWER FOR POULTRY PRODUCERS

The Big Dutchman Bilt-Rite Fresh Air Cage System arrangement permits complete mechanization without interference of one part of the system by another. Feed and water are found in separate areas of the cage to reduce competition and stress. The location of feed and water also eliminates spilling or dripping water into the feed. Egg roll-out and collection areas are also separated from feed and water, resulting in cleaner eggs and fewer under grades. A metal litter shield provides additional protection for the eggs and egg collection area. As with all Big Dutchman cage systems, Fresh Air cages are "double dipped" (galvanized after welding) for long life.



To complement the Fresh Air Cage System, we offer Big Dutchman automatic feed, water, egg collection, ventilation and waste removal systems, the finest available today. Call or see us today for a fresh answer for your poultry operation.

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Ladies, Have You Heard?

Doris Thomas

By Doris Thomas,
Extension Home Economist

Latest on Trash Compacters

You've probably seen ads for kitchen trash compacters—regarded by some as the first new piece of major electric household equipment in 30 years

If you've wondered whether or not to buy one, here are some points for you to consider

The appliance crushes into a compact mass just about anything you put into it—bottles, cans, paper, and most food wastes It cuts down on the bulk size of your trash—the equivalent of four full cans of trash can be compacted to fill just one can

The compacters are designed to be safe

And they come with step-by-step directions for adult use

Manufacturers warn that young children should not be allowed to operate or play with the appliance The compacters come with a lock and key to make them inaccessible to curious fingers

The price of the compacters if over $200 After the initial purchase, you must buy bags and deodorant That can be $35 or more a year if you use two bags a week

Although there is an automatic deodorant spray, garbage retained for too long in the computer may be noticable

When full, the bags are heavy—about 30 pounds, depending on what you put into them

Trash compacters can be helpful especially in areas where public trash pick-up isn't available

Keep in mind, however, that the compacted trash is nearly impossible to burn and doesn't decompose easily Before you buy one, be sure that community trash disposal is compatible with the use of a trash compacter

Oven Cleaning Tips

Give your oven a good cleaning when the holiday cooking is over

For a self-cleaning gas or electric oven, just follow the manufacturer's directions This self-cleaning feature has been proven satisfactory and safe, and is now being used in medium-priced ranges. So it is within the price range of more families

Manufacturers also feature ovens with nonstick linings which slip out for washing With these, frequent washing to prevent burned-on stains is necessary because scouring may damage the coating Soaking the panels to remove soil works best

For conventional ovens with procelain enamel walls, use a commercial cleaner When using an oven-cleaning spray, avoid inhaling the fumes Protect your hands when using the spread-on or spray-on cleaner as you wash and rinse the oven And spread papers on the floor in the range area to protect the floor covering

A less expensive method for cleaning is to place a small dish of household ammonia in a cold oven and leave it overnight Stuff the oven vent with a clean cloth to keep the odors within the oven. When you use this method, wash the inside of the oven with soapy water, rinse, and dry You may find the ammonia method just as satisfactory as the spray-on or spread-on cleaners now on the market

Remember to clean up spills in your oven as they happen, as this will make the thorough cleaning easier

Farm Women Calendar

Saturday, January 1
Happy New Year!
Thursday, January 6
Farm Women Society 20 meets.
Saturday, January 8
1:30 p.m. — Farm Women Society 1, home of Mrs. J. Clayton Sangrey, Lititz RD2.
1:30 p.m. — Farm Women Society 10, home of Mrs. W Raymond Dixon, 2349 Middlegreen Court, Village of Olde Hickory.
Farm Women Society 2, home of Mrs. Sara Kline, 109 Fruitville Pike, Manheim.
Farm Women Society 24, hockey game, husbands as guests.
Farm Women Society 25, home of Mrs. Glenn Nauman, Lancaster RD6.

Quarantine Show Brids

Poultry exhibited at the Farm Show are exposed to many diseases not common to their flock or origin These show birds should be kept separate from the main flock after the show for at least 30 days, urges Jay W. Irwin, associate Lancaster County ag agent

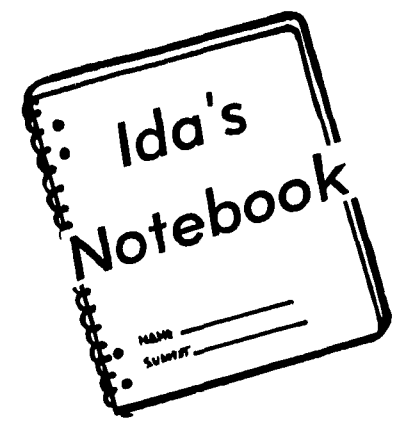
Most infections contracted by poultry at shows will break before the 30-day isolation period is up If there are no breaks, then it is usually safe to place these birds back with the flock

In the event that disease strikes, they should not be put back with the flock. Recovered birds remain carriers and shedders of certain diseases, Irwin warned

Many disease breaks can be averted by establishing a sound vaccination program.

However, there is no reliable vaccine for some of the bacterial diseases for which the recovered birds remain carriers Examples of these are coryza and fowl cholera

Be on guard for coccidiosis, too, because the show birds may have no immunity to certain species Look for a coccidiosis break one to three weeks after bringing the birds home



Ida Risser

The end of the year. And I, for one, am glad to start anew.

Sometimes when I write the last page in my daily diary, I try to sum up the year's events. Usually, it is "good" or even "wonderful". But this year has been different

It included too many accidents, serious illnesses, operations and deaths. These are the things we don't usually talk about but in summing up they are part of the whole.

However, I did manage to remember that there were several weddings and some new babies These are certainly on the plus side

So, as we start another year, we hope we've gained not only new experiences, but greater tolerance for other people and greater faith in our Lord

xxx

Each year we look forward to the New Year's party which our square dance group holds. After an evening of dancing, we don funny paper hats and, with singing and noisemakers, welcome the New Year.

It is delightful to sit around a table of delicious food with old and new friends and your husband by your side. What more can we ask of life!

xxx

This fall, I was surprised to see some shrubs along our lane with bright red berries and a pink hull.

It seems to be a deciduous holly-as the branches are bare-probably a black alder bush.

I've added some to a dried arrangement on the mantel. It adds a bright touch to the grasses and flowers which I had there.

Needle Arts
By NANCY SEWELL

Pert and Saucy

Crochet this pert cloche with its fringed brim for the modern Miss. No. 5474 has complete crochet directions.

TO ORDER, send 60 cents for each pattern with name, address with Zip code, pattern number and size to NEEDLE ARTS, P.O. Box 5251, Chicago, Ill. 60680.

Needle Arts
By NANCY SEWELL

Diamond Motif

Two-tone afghan squares are used to form this diamond design. Pattern No. 5072 has crochet directions—sizes 32 to 40

TO ORDER, send 60 cents for each pattern with name, address with Zip code, pattern number and size to NEEDLE ARTS, P.O. Box 5251, Chicago, Ill. 60680.

Farm Women Societies

Society 15

Farm Women Society 15 held its annual Christmas Banquet recently at the Rhoads Spanish Restaurant, Quarryville.

The banquet committee members were Mrs Lewis Shoemaker Jr, chairman; Mrs. Martha Herr, Mrs. Wayne Wrigley, and Mrs. Martin Greenleaf.

A musical program was presented by Rennie Reynolds and Miss Gail Burnaford, and accompanied at the piano by Mrs. Burnaford.

The group sang Christmas carols under the direction of Mrs. Shoemaker Jr and accompanied by Miss Bonnie Wagner.

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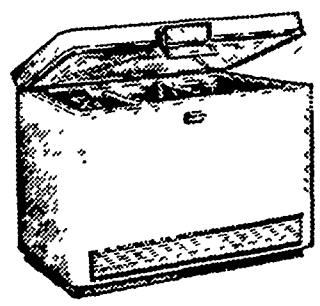

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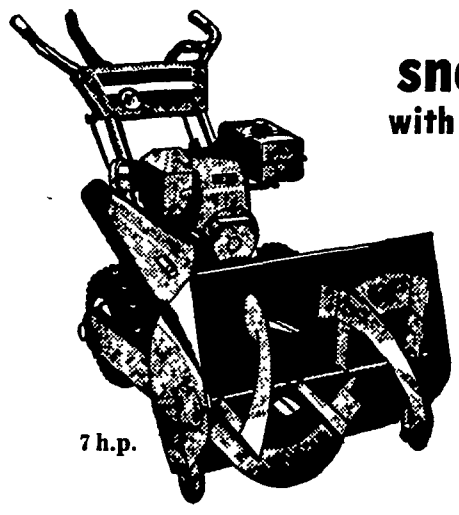

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Pa. Vegetable Yield Down, Income Stable

Pennsylvania's 1971 combined production of six vegetables for the fresh market and eight vegetables for processing is estimated at 251,900 tons, down 13 per cent from 1970 and nine per cent from 1969.

The Pennsylvania Crop Reporting Service also said recently that the fresh market harvest was down six per cent and the processing harvest was down 17 per cent from 1970.

Fresh market growers received $11.2-million for their crops this year, up $1-million from the $10.2-million received last year. Value at the processing plant door of the processing production was $7.8-million, 13 per cent down from last year.

The most significant yield change was that of snap beans for processing. The yield at 2.13 tons per acre was up .13 tons from a year ago. This was the highest yield on record since the 1958 crop that checked in at 2.3 tons per acre.

The 1971 yield on tomatoes for processing at 15.60 tons per acre was down 4.27 tons per acre from last year's record yield of 19.87 tons per acre. Reduced yield can be attributed to wet weather which caused rotting and splitting of tomatoes in some areas.

The Crop Reporting Service, in its annual Vegetable Report Summary, also pointed out that the growing season started out about two weeks behind schedule with below normal temperatures in April and May delaying germination of many vegetable crops. Dry conditions in July further hindered harvesting operations in areas and caused damage to tomatoes.

Unseasonable warm fall temperatues and no killing frost until early November prolonged the growing season.

Freezing Cheese

Although freezing will make some cheese crumbly and mealy, you can successfully freeze some cheeses. The United States Department of Agriculture says you can freeze small pieces of a pound or less or not over one inch thick of Brick, Cheddar, Edam, Gouda, Muenster, Port du Salut, Swiss, Provolene, Mozzarella and Camembert.

BARN ART may be a disappearing art but it is not yet a lost one. Choice examples can still be found around the country, such as this mountain scene which has survived 14 Wisconsin winters on a barn at Darlington.

Happy Homemaking

By BARBARA BAKER

Mark around the pattern with color crayon before cutting materials that ravel easily, and the cloth will not ravel when cut.

Use a small zigzag stitch when sewing bonded knits—it gives stretch to seams.

When patching a trouser leg, slip a rolled-up magazine inside and let it unroll. This will hold the material smooth as you sew on the patch.

Sew down the outside of the zipper tape about 1½ inches on either side to prevent curling or waving of a zipper at the top of a blouse or dress.

The lining should be preshrunk when making a garment that is to be lined. Preshrinking may be accomplished by placing lining in a bathtub, let warm water run on it until it is thoroughly wet, remove from tub without wringing and hang on line to dry. It will dry straight and not require pressing.

When washing windows, use up and down strokes on the inside but go crossways on the outside and any smears that are left can be removed since you will know just which side they are on. Also, crumpled newspaper is wonderful for rubbing glass to a shine

To clean soiled parchment lampshades, dip a soft clean cloth in milk and rub the shade until it is clean, then wipe dry with a clean cloth

To anchor your garbage can against strong winds or stray dogs, set it inside an old car tire.

A fine-toothed comb is a quick and easy tool to use when spreading glue or thick paste over the surface of a hatbox you may be covering with decorative paper.

For a warm bed jacket when you read in bed, put a bathrobe on backwards. The opening at the back makes it easy to put on and take off. This is a real help when someone is ill

Add a little vinegar to water in which you rinse silk stockings. It will increase their elasticity and make them practically run-proof

If you are doubtful about the number of birthday candles to put on a cake, place them in the form of a question mark and you will please the honored guest

To firmly hold a candle in a candlestick, put molding clay (about the size of a bean) in the holder and press the candle into it

Before driving nails for picture hooks, first see where the nails for the baseboards are driven. Nails for baseboards are always put in the studdings which give support that the plaster alone fails to provide

If you are ever caught without a ruler, you will find a passable substitute in your wallet. A dollar bill is just slightly over six inches long and can be used as a tape for rough measurements

* * *

If you have trouble getting cobwebs out of a high stair well, tie an old towel on one end of a clothespole and it will require little effort to clean the whole well.

* * *

To save time and avoid confusion while washing windows, use colored sponges to match two different-colored plastic buckets. By keeping the colors matched, you can be sure to avoid getting the soaped sponge into the rinse water and vice versa.

* * *

When washing shirt collars, put shampoo on the grease stains. Shampoo is made to dissolve body oils and works wonders on collars.

* * *

To prevent squashing your hats when traveling, put a hat inside a plastic bag, blow full of air and secure with a rubber band. The hat does not get a dent.

* * *

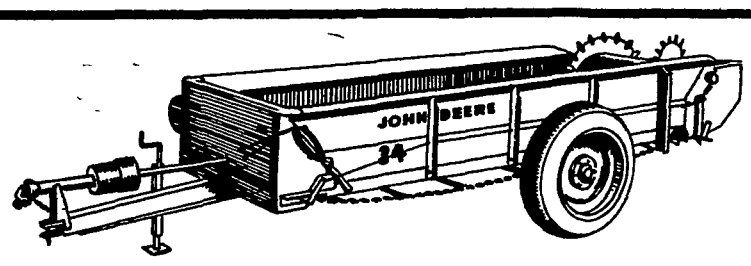
Try coating candles (except wicks) with thick soap suds. Let dry in the holder before lighting and they will last longer and burn without smoking.

* * *

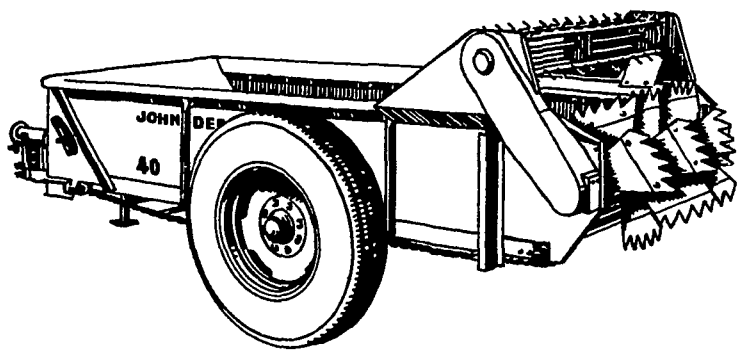
Spray an insecticide around the casings after washing windows on the outside and they will stay clear of spider webs when you put up the storm windows.

* * *

To keep small tools in easy reach, cut off the top of an old leather glove, nail it where it will be handy and place the pliers, screwdriver, wrench, etc., in the fingers of the glove.



John Deere 34 and 40 SPREADERS



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Chester County IFYE Enjoys Brazilian Food—Well, Most of It

Editor's Note: Miss Davida McCartney, Chester Springs, Chester County, is an International Farm Youth Exchange (IFYE) delegate assigned to a Youth Development Project (YDP) in Sao Paulo, Brazil, where she is assisting in the development and expansion 4-H type programs. Following is her report on foods in Sao Paulo:

Rice and beans, rice and beans!

That's all I heard about Brazilian food before I left the States

And it is typical of the Brazilians

But here I am living in a Japanese home and working mostly with Japanese and Nisei (Brazilians born of Japanese parents) in a state of Brazil where the Japanese rank third in population after the Portuguese and Italians

I had a good sampling of rice and beans the first five weeks of my stay We three YDP's (Youth Development Project) stayed in a boarding house for Japanese students in the city of Sao Paulo There white rice cooked with water and oil, cooked dry beans and their juice, and a little pork rind are the main parts of two meals a day

It is incredible the amounts of these they eat and still remain thin!

The national dish "feijoada" (the dry beans are called feijao) seems to me to be the usual feijao cooked with a little more meat

My Japanese family doesn't follow this Brazilian pattern

We eat rice at lunch and supper, but rarely have feijao *These two meals are equal in size and type of foods*

It is hard for my family here to believe I can make lunch of a can of soup and a sandwich at home, and eat it in a few minutes

Meals here take a lot of time and effort to prepare There's no quick rice, but pressure cookers are used often

In four months I think only four cans of food have been used in our house In fact, so few canned foods are used that can openers other than the pry type are just being introduced in the city of Sao Paulo I brought one to my family, and it is quite a novelty

Here in Pompeia my reputation precedes me in many places People are astonished that I, a foreigner, eat and like their foods Several times I've been greeted with, "O, you eat everything!"

I've found a lot of new foods, or new ways of preparing familiar foods

Here the oven is rarely used and almost everything is fried in lots of oil—usually peanut oil I've had to get used to this Even cheese is tastier when dipped in oil! Thank you, I'll take mine plain

As my Japanese sister says, the Japanese use everything Carrot greens and scallion tops are very tasty and often combined with other vegetables, dipped in a batter and fried in deep fat My family has adopted my name of "spiders" for the resulting product which looks as if it has vegetable legs extending from the solid body

However, one thing which I do taste is a sort of pasty sauce of raw fish stomachs It is used like jelly on bread, as a topping for the rice, or even plain

There is a variety of fruits and vegetables, and the climate provides for fresh things all year round

Most of the Japanese have large gardens and many do truck farming On our farm we are almost self-sufficient In our back yard we have oranges, lemons, papayas, mangos, bananas, cocoanuts, pineapples, peaches, and several tropical fruits that are not known in the U.S

Food seems plentiful, yet many people are undernourished The "Alliance for Progress" supplies powdered milk and other staples to schools for needy children

I can't forget coffee Brazil is the world's leading producer, and the U S is the largest buyer, but the U S coffee-drinker wouldn't realize it is the same beverage when he tries it here It is very strong and usually very sweet

Brazilians regard U S coffee as almost tasteless colored water I (a "water American") feel like hiding everytime the coffee comes out when I'm visiting Luckily it is always served in almost doll-sized cups, so I can manage

Miss Davida McCartney
Likes Brazilian Food

For special occasions, my family pitches in to make Japanese sweets out of feijao. The cooked, strained, and sweetened beans make a filling for a pastry and are usually baked The pastry for "manju" is a rather traditional one of flour, but the one for "moti" is different.

I was surprised one day to see my brother pounding cooked rice in a hollowed-out tree stump with a huge wooden mallet Between pounds, my mother slapped a little water on the rice and eventually it turned into a dough that was wrapped around the filling The resulting treat was eaten thus, or baked or fried.

Breakfast in my Brazilian-Japanese home consists of bread and coffee and-or hot milk

The 10 a.m. lunch is rice, a salad of cucumber and tomatoes, some cooked greens (often with a little egg mixed in), fish, and oranges for dessert.

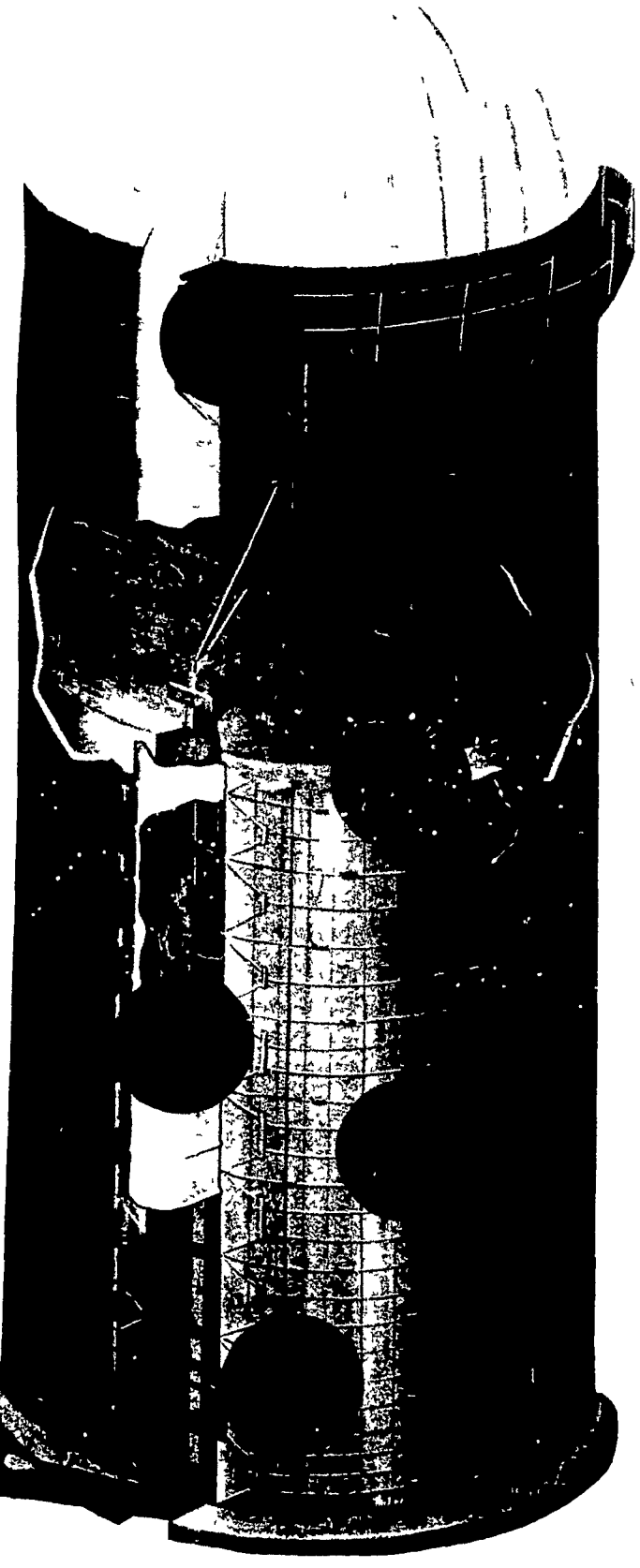
At 1:30 is "cafe"-bread and coffee again, and hot milk. I use a mixture of hot milk with just enough coffee for flavor.

At the 6:30 supper there is rice, of course, potatoes cooked with just enough meat for flavoring, "spiders", salad, and oranges.

One day when we had fried potatoes at lunch and mashed potatoes at the evening meal, my family of nine consumed just 10 pounds of potatoes.

I'm really enjoying the food, and although everyone tells me that rice and oil don't make people fat, I'm having a hard time convincing my clothes of it.

AGWAY



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Local Holsteins Recognized

The Holstein-Friesian Association of America recently announced outstanding records for some local Holsteins, including a new "iron grandma" and two new 2E animals.

Joining a select group of over 500 Holsteins recognized as "iron grandmas" for having a lifetime milk production of over 100 tons or 200,000 pounds is Roaring Maples Dean Bessie 4229148 (GP), owned by Roy H. and Ruth H. Book, Ronks.

During her 15 years 3 months, Bessie has produced 206,858 pounds of milk and 8,503 pounds of butterfat. That's nearly 100,000 quarts of milk!

Bessie's highest record in a single year was started at the age of 8 years 6 months. Milked twice daily for 365 days, she produced 21,190 pounds of milk and 871 pounds of butterfat, and 1,812 pounds of solids-not-fat.

Solids-not-fat, the many other nutrients found in milk, are now being measured as a part of the Holstein Association's Total Nutrient Testing program. This is just another example of efforts put forth by breeders of Registered Holsteins to offer the consumer a more nutritious carton of milk.

Receiving 2E status were: Alnat Toitilla Ivanhoe Ginger 5647818, the well-known show ring champion owned by J. Mowery Frey & Son, Lancaster, and Inka Louden Hill Supreme 6356974, owned by Galen W. Crouse, Stevens

This phase of the Holstein Association's herd improvement service provides special recognition for "Excellent" cows that continue to score "Excellent" as they grow older A cow may be designated 2,3, or 4E according to her history of previous "Excellent" classifications within specified age brackets

"Ginger", who has a lifetime production of 104,800 pounds of milk and 3,707 pounds of butterfat in 1,836 days, started her highest production record at the age of 7 years 7 months. This record totalled 28,280 pounds of milk and 1,037 pounds of butterfat in 365 days

"Supreme" has a record made as a three-year-old of 20,690 pounds of milk and 832 pounds of butterfat in 305 days in the Dairy Herd Improvement Registry program.

Among the 99,361 Registered Holsteins scored for body type last year, less than two per cent attained "Excellent" status. Thus, the achievement of multiple "E" designation makes the individual cow a more valuable asset for herd improvement purposes in the dairyman's breeding program

Elsewhere, the Holstein-Friesian Association has reported two local animals have received Gold Medal Dam status They are·

Hill Girt King Posch Peach 4944863 (GP), now owned by Nathan E Stoltzfus, Gap, bred and formerly owned by Harry G. Haskell Jr, Chadds Ford, and Pietje Rippling Brook Merna 6362480 (VG), now owned by Joseph Trainor, Honey Brook, bred and formerly owned by Homer Schwindt, Elmira, Ontario

The Gold Medal Dam status is based on an animal's ability to transmit outstanding milk production and desirable body conformation

"Peach" has a lifetime production of 103,452 pounds of milk and 4,044 pounds of butterfat Her qualifying daughters have attained the following type and production levels (ME basis): Con-Noll Destiny Posch (GP) with four records averaging 16,327 pounds of milk and 619 pounds of butterfat, and Con-Noll Apollo Pam (GP) with three records averaging 15,867 pounds of milk and 663 pounds of butterfat. Con-Noll Ideal Plum (GP) qualified her dam on the basis of type, while still another daughter, Con-Noll Flashy Promise qualified "Peach" on the basis of production with four records averaging 16,787 pounds of milk and 644 pounds of butterfat.

"Merna" qualified as a "super brood cow" with the mature equivalent average of four records being 17,780 pounds of milk and 701 pounds of butterfat Her two daughters qualifying for both type and production (ME basis) are as follows· Verna Rippling Brook, classified (EX-2E) which indicates she maintained the "Excellent" classification scoring 90 points or more on two different occasions as she grew older, with a single record of 19,113 pounds of milk and 744 pounds of butterfat, and Dunwood Rag Apple Maple (VG) with three records averaging 17,371 pounds of milk and 648 pounds of butterfat Dunwood R A Milly (GP) qualified her dam on the basis of type, while still another daughter, Dunwood Marie, qualified "Merna" on the basis of production with her single record of 18,647 pounds of milk and 692 pounds of butterfat

IH Introduces Tractor

International Harvester Company recently announced its new "look of power" in the new 133 PTO hp. International Farmall 1468 tractor

Features of the new 550 cu in displacement V-8 diesel power tractor include a new type axle for easier steering, new instrument gauges, hydraulic couplers, optional cabs and Isomount isolators to cut vibration and noise Spin-on throwaway filters make servicing easier Dry-type air cleaners protect the engine New type Wedge Lock wheels let the operator change treads by loosening just one bolt per wheel A deluxe comfort seat that raises and lowers hydraulically is standard

The sturdy IH V-8 diesel has a governed range of 900-2400 rpm A Bosch injection system with multi-hole injection nozzles controls combustion for maximum power with good fuel economy and reduced smoke emissions

Across the

Editor's Desk

Editor's Note: Boyd C. Gartley, director of member and public relations for the Inter-State Milk Producers Cooperative, presented the following editorial commentary on WCAU TV in Philadelphia on December 20.

In a recent WCAU editorial, emotional rather than factual information was presented

Dairy farmers who are members of Inter-State Milk Producers' Cooperative, support the Pennsylvania Milk Marketing Board, the Milk Marketing Law, and J Lin Huber, 100 percent The Milk Marketing Board has a consumer representative, and the law mandates it Dairy farmers agree that consumers should be represented

The milk price system in Pennsylvania has enabled consumers to reap benefits of efficiency and a continuous supply of milk Milk prices are fair to all segments of the public The Pennsylvania Milk Marketing program has provided and orderly market for consumers

To eliminate price controls on consumer prices, Dr William Butz, economist at Pennsylvania State University, studied 25 markets throughout the United States and concluded that, following the abolishment of control indicates that consumer prices have risen considerably more rapidly in the markets in these states than in the representatives sample of 25 markets.

Testimony of one of the representatives in the remand hearing in New Jersey, (and this information is before the New Jersey Supreme Court at the present time) tends to support the findings of Dr Butz in the "Model Cities Study", and I quote the study, "it indicates that the prices in the ghetto areas of Philadelphia were generally lower than those in similar areas of New Jersey Thus, even though New Jersey has a much lower minimum price, the consumers in the disadvantaged areas of the state had to pay higher prices than the consumers in like areas of Pennsylvania, which has a much higher level of minimum prices"

Farmers continue to work a 7-day week Milk is a highly perishable product We cannot haggle over prices while the product spoils and consumers suffer Dairy farmers ask for a fair return which must be high enough to meet necessary health standards required in the producing and processing of milk

The enactment of the Milk Law was because of low returns to producers, decreased effectiveness of collective bargaining, destructive competition, and danger to public health and welfare

Conditions have not changed, the need is more urgent than ever Dairy farmers want consumers to be a part of every change in the milk industry, and favor the appointment of someone who knows milk pricing rather than the appointment of someone who "thinks" he knows When consumers are informed of the facts, they have always supported the Milk Marketing program and its amendments

Dairy farmers invite the news media to sit down at their convenience and ask questions We will share the facts, whether it relates to Pennsylvania or New Jersey

There is nothing to hide in a quart of milk

Editor's Note We've all heard about the prsopects for fuel shortages and we're all too well aware of the growing problems of manure disposal What could be neater than solving both problems at the same time? Here's the suggestion under a Pittsburgh dateline from the December issue of Agri-News, the publication of CIBA-GEIGY Corporation:

Scientists at the Pittsburgh Energy Research Center of the U S Bureau of Mines have devised a means of converting animal manure to fueld by heating it under pressure with carbon monoxide to produce oil Three barrels of oil can be produced from a ton of dry manure

One reseracher noted, "If all animal wastes could be collected and converted to oil, it would satisfy about half of this country's oil needs, or about 2 45 billion barrels of oil annually In effect, it's a way to harness the sun's energy in an economical manner"

Another scheme for using animal wastes has been developed in Devonshire, England, where automotive fuel has been processed from chicken and pig manure, although any organic waste will suffice

The fresh manure is composted briefly and placed in a digester where methane gas is generated by bacterial action To complete the process, a simple gas converter has been devised by Harold Bate, Devonshire, which will feed methane into the carburetor of a car Total installation cost of the converter is less than $100.

Besides solving the animal waste disposal problem, the manure-powered car contributes to cleaner air, methane gas affords nealy complete combustion — about 97 per cent — while gas only gives about 27 per cent combustion with the remaining unburned fueld being emitted in the car's exhaust.

In addition, the manure-powered vehicle is efficient and imexpensive to run Bate estimates the equivalent of one gallon of premium gasoline costs 3c and causes very little wear on the car.

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Meat, Poultry Inspection Offices Consolidated

The U.S. Department of Agriculture recently announced plans to consolidate its eight meat and poultry inspection regions into five at Atlanta, Dallas, Des Moines, Philadelphia, and San Francisco.

The five regional offices should become operational during the early part of 1972 Five Program Review and Compliance (PRC) Staff field offices will also be established

USDA's Consumer and Marketing Service said that the regional meat and poultry inspection offices and the PRC field offices are currently located in Atlanta, Chicago, Dallas, Minneapolis, Philadelphia, Raleigh, San Francisco, and Kansas City.

C&MS officials said the consolidation of regional offices will result in a substantial saving in operating costs and at the same time improve program coordination. Areas of coverage under each of the five regions will be announced soon.

This is the latest action in a major overhaul of the Federal meat and poultry inspection program.

C&MS officials also announced today the establishment of two additional area offices at Baton Rouge, La., and in the Phoenix, Ariz., area for supervising meat and poultry inspection at the field level. These offices are in addition to the 34 area offices already created for this purpose (see USDA press release 2211-71, dated July 12, 1971). These 36 offices, most of which are located in State capitals, will report to the five regional inspection offices This arrangement will provide a more direct line of Federal-State communication and cooperation.

U.S. Hog Numbers Down

Hogs and pigs on U. S farms on December 1 were estimated at 63 0 million head by the USDA

That's **down** seven per cent from a year earlier, according to USDA's Crop Reporting Board

The number kept for breeding purposes, at 8 5 million, was **down** 10 per cent, market hogs and pigs, at 54 5 million, **down** six per cent from a year earlier

The 1971 pig crop (December 1970 - November 1971) estimated at 52 4 million head, **down** four per cent from a year earlier. December 1971 - May 1972 farrowings seen at 6 5 million, **down** 10 per cent from a year earlier, the pig crop for this period, seen at 47.8 million, is **down** nine per cent from a year earlier

McHale Attacks 'Corporate Farming'

Pennsylvania Secretary of Agriculture Jim McHale has called upon the U S Senate Anti-Trust and Monopoly Sub-Committee to initiate an investigation into corporate farming in the United States

In a letter to Sub-Committee Chairman Sen Philip A Hart (D-Mich), McHale said, "Agribusiness, as it now functions, is focused on short term incentives Legacies for the future are being ignored If the trend continues, in my view, society may suffer tremendous damage by the year 2000 "

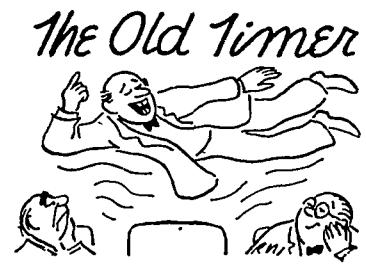
Secretary McHale documented his request with a series of news articles citing the growth and influence into the agricultural field by such corporations as Tenneco, ITT, Greyhound, Ralston-Purina and Agway.

The Pennsylvania Secretary of Agriculture insists that corporations and wealthy individuals find a more favorable tax climate on the farm and has figures to show that 75 per cent of all taxpayers with annual incomes of $100,000 or more are involved, to some extent, in farming

Secretary McHale said he would be willing to meet with Sen Hart or any members of the sub-committee and would be willing to testify at hearings on the subject.

Fix-It Tip

If a window breaks in winter, a sheet of plastic will serve until you can make repairs. The plastic drop cloth you use for painting can double, or have an extra one on hand. Have tacks or staples on hand to fasten it in place.



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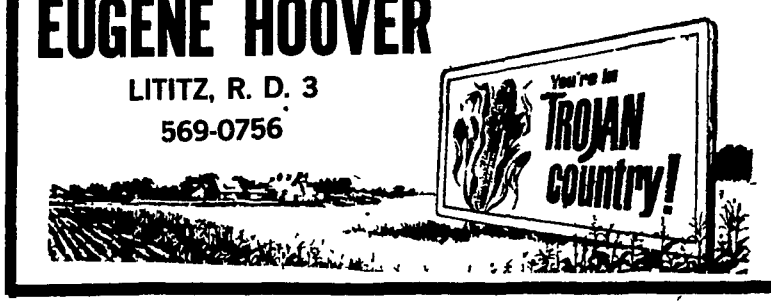

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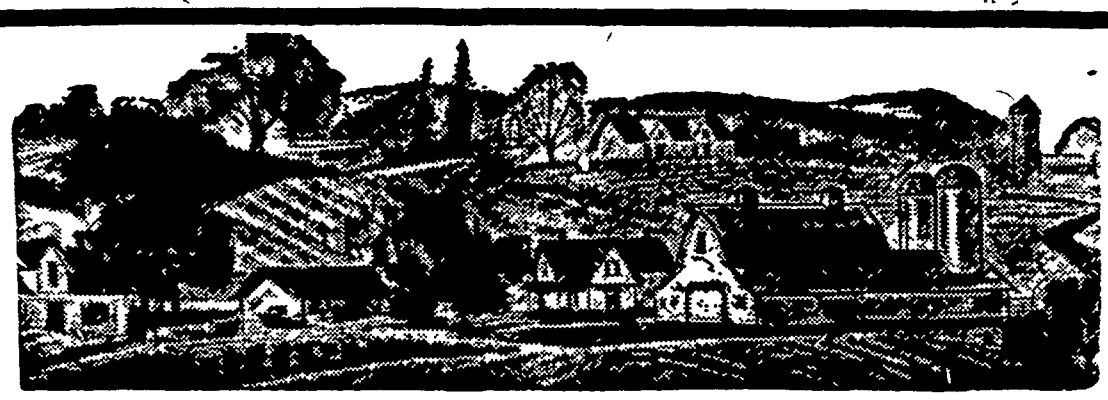

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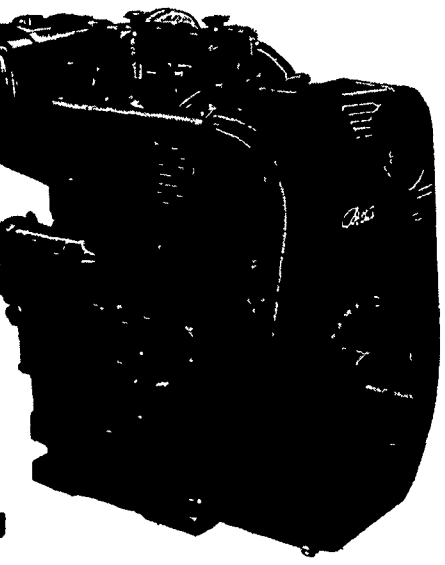

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REG. HOLSTEIN COMPLETE DISPERSAL

Saturday, January 15, 1972

1:00 P.M. Sharp

Location: ¾ Mile out of Christiana, Pa., on West Broad Street or one Mile North of Route 372 along William Run Road, 2½ Miles South of Route 30 (Gap) on the premises known as Dr. Myers Farm.

58 HEAD (INCLUDING SOME GRADE COWS)

35 Milking Age, 3 Bred Heifers, 20 Heifers down to Calves, mostly home-raised. Cattle have size and condition. Many fresh, milking well. Some due Spring. Several for Summer.

Certified, Accredited, Tested for interstate. Include are dtrs. of following Sires —

PacLamar Astronaut "VG" (G.M.), Glenafton R.A. Charmer "EX", Seiling Rockman "EX" Extra, Sun Dream Dijax Duke, "VG", Cochran General.

Several Granddaughters of Heersche Reflector Count, Hi Hope, Etc.

4 Year Old Herd Sire Sells, by Heersche Reflector Count.

(Equipment Sale—February 19, 1972)
Sale under Cover—Heated Tent
(Lunch Available)

Owner
FRANK W. MYERS
Linwood, Pa. Ph: (215) HU 54747

Herdsman, John Smoker, Christiana, Pa. (215) 593-6221

Auctioneers:
Carl Diller and
J. Everett Kreider

153 Acre Farm For Sale At Private Treaty

Public Sale

SAT., JANUARY 1, 1972 at 10:30 AM.

Located North of Mt. Wolf toward Power plant, turn right at first hard road. Watch for sale signs. George Steffee, R.D. 1, Mt. Wolf, Pa.

NEW MACHINERY bought within past 2 years:

Int. 444 gas, power steering, 3 pt, remote hydraulic with only 485 hours, 4 row No-Til Allis Chalmers corn planter (planted 50 acres), AC 10' heavy duty transport disc No. 234, IHC 2 row corn picker will fit and late 3 plow tractor (picked only 250 acres)

Farmal M, Farmall H, Super C Farmall, mtd. corn planters, mtd. 7' mower, mtd. snow plow (right or left angle) Corn workers for C or super C, Massey Harris 26-10' self propelled combine, John Deere 33 PTO spreader, Massey Harris 2 row mtd. corn picker, hay crusher, IHC manure spreader (4 wheel on steel), 2 JD plows, one 4 bottom 14" on rubber plow, 10' tractor harrow, 8' disc, 28 blade offset disc, JD Killfer 24' smoker elevator w-motor, 18' grain elevator, No. 2 forage harvestor, AC blower, 2 wagons (one with false end gate), self loading trailer 14', 2 hole corn sheller w-motor, 16' farm trailer, McCurdy gravity bin wagon, and John Deere hammermill.

TRUCKS

1948 KB5 Int. U tag, 15' bed with less than 10,000 on overhauled motor and good rubber. 1964 F-100 Frod truck, S tag, 4 speed trans. V-8, 1971 F-250 Ford Custom, 4 speed trans., power steering, power brakes, 360 cu in engine, 15,000 miles. 7 x 14 truck bed (factory made).

ANTIQUE MACHINERY

No. 8 New Idea corn shock husker, steel wheels for old gasoline engine, Model A-Ford frame, wheels & rear end.

CATTLE

Feeder cattle, 10 white shoats, sow & 11 pigs. 1 year old Holstein heifer.

MISCELLANEOUS

2 Farmall radiators, 1 used block for Farmall Cub, Tractor chains, Used tractor tires, used wagon tires, Ford belt pulley, large belt pulley for H or M, 50 T baler for parts, 1959 Plymouth, New locust posts, tire & rim for Ford tractor and small parts for wagons and various types of farm machinery. Hay and straw.

Terms: Cash or good check.

GEORGE STEFFEE
R.D. 1
Mt. Wolf, Penna. (717)266-3436

BLAINE N. RENTZEL, Auctioneer
Emigsville, Penna.
(717) 764-6412
Clerks: Hull, Fink & Hess

Public Sale Register

SAT. JAN. 1, 1972- 1.30 Feeder Pig Sale located 2½ miles South of Bethel from US 22 and 6 miles North of Myerstown, Pa. along US 501. Sale by Norman M. Martin, R. D. 1, Myerstown, Pa.

SAT. JAN. 1-1 P.M. New Year's Day Dairy Cattle Sale at Our Dairy Barn on Cameron St. in Bath, N. Y. Sale by Rumsey Sales, Bath N. Y. Phone 607-776-3478

SAT. JAN. 1 - 10:30 A M. Public Sale of New Farm Machinery, Trucks, Antique Machinery, Cattle, Miscellaneous items located North of Mt Wolf toward Power Plant, turn right at first hard road. Watch for Sale Signs Sale by George Steffee, R. D. No. 1, Mt. Wolf, Pa Blaine N Rentzel, Emigisville, Pa. Auctioneer

WED JAN 5- Public Sale Complete Dairy Herd Dispersal & Milking Equipment located approx. 1½ miles east of Rt. 74 turning on the road to New Bridgeville. Watch for arrows leading to sale, in York Co., Pa. Sale by Carl W. Shaull, owner. Robert L. Sechrist, auctioneer.

THURS. JAN 6 8 p.m. - Public Auction of Dairy Sale 60 Head of Holsteins located 5 miles North of Rt. 222 along 897, 2 miles North of Reinholds Sale by Vernon and Ray Kline, Owners; Randal Kline, Auctioneer.

FRI JAN 7 - 9:30 A M. All Day Consignment Sale of Tractors, Farm Machinery, Horse Drawn Implement etc. by David H. Good, on North Maple Avenue, Leola, Pa. Frank and Paul Snyder, Auct

SAT JAN. 15 - 11 A M Public Sale of Valuable Farm Machinery and Tools on the premises located approx. 3½ miles northeast of Stewartstown and 1 mile north of the Pleasant Valley Golf Course in East Hopewell Twp, York Co., Pa. Sale by Glenn and Creda Hershner, owners. Robert L Sechrist, auctioneer.

SAT JAN 15 - 12 Noon Real Estate, Public Auction by Siloam Enterprises, Inc, Salisbury, Md Harry Rudnick and Sons, Inc., Sales Managers and Auctioneers of Galena, Md

WED JAN. 19 - Public Sale of Farm Machinery, equipment, hdwr, implements and supplies At our new place of business along Route 340, 2 miles East of Intercourse and 4 miles South of New Holland Sale by Paul Z Martin, Blue Ball, Pa.

WED. FEB. 2 - 12 Noon. Public Sale of John Deere Farm Machinery and Household Goods *located one mile north of Lititz along Route 501. Sale by Titus B.* Boll, Wilbur H. Hosler, Auct

WED FEB. 9 - Public Sale of farm machinery, equipment, hdwr., implements and supplies at our new location along Route 340, two miles East of Intercourse and 4 miles South of New Holland. Sale by Paul Z Martin, Blue Ball, Pa.

WED. FEB 23 - Public Sale of farm machinery, equipment, hdwr., implements and supplies at our new place of business along Route 340, 2 miles East of Intercourse and 4 miles South of New Holland. Sale by Paul Z. Martin, Blue Ball, Pa.

SAT. MARCH 4- 12 Noon Public Sale of Farm Equipment located 3 miles North of Lebanon on Route 72. Sale by Aaron Martin, Jr., Rt. 3 Lebanon. Paul Snyder, Auctioneer.

WED. MAR. 8 - Public sale of farm machinery, equipment, hdwr., implements and supplies at our new location along Route 340, 2 miles East of Intercourse and 4 miles South of New Holland. Sale by Paul Z. Martin, Blue Ball, Pa.

WED. MAR. 22 - Public Sale of farm machinery, equipment, hdwr., implements and supplies at our new place of business along Route 340, 2 miles East of Intercourse and 4 miles South of New Holland. Sale by Paul Z. Martin, Blue Ball, Pa.

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PUBLIC SALE

COMPLETE DAIRY HERD DISPERSAL & MILKING EQUIPMENT

Wednesday, Jan. 5, 1972 at 12:30 P.M.

Located approx. 1½ miles east of Rt. 74 turning on the road to New Bridgeville. Watch for arrows leading to sale, in York Co., Pa.

30 HEAD OF TOP GRADE

Holstein dairy cows in all stages of lactation some to be fresh near sale time.

This is a home raised herd of cows, the owner having used *artifical breeding for 16 yrs. These cows are mostly young, have good size & nice udders. Herd will have all necessary* tests prior to sale & be eligible for interstate shipment with individual health charts.

3 Surge milking machines equipped with the new Jet-Flow inflations, straps, strainers, etc. Surge Model No. SP-22 milker pump.

Auct. note: Don't miss this chance for good herd replacements.

Terms: cash or approved check.

Carl W. Shaull, owner

Robert L. Sechrist, auctioneer
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Not responsible for accidents

Public Sale

DAIRY SALE

60 HEAD OF HOLSTEINS

THURSDAY NIGHT JANUARY 6, 1972

STARTING 8:00 P.M. SHARP

Sale located 5 miles North of Rt. 222 along 897, 2 miles North of Reinholds

This is a complete Franklin Co. Herd - consisting of 22 strictly fresh cows, 13 springers and the balance bred and checked for pregnancy for June, July, and August. If in need of good top cows either fresh or due next summer, don't miss these — they will all be sold.

Don't Miss This Sale.
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USDA Acts on

(Continued from Page 1)

million The Southeastern Pennsylvania poultry industry would be comparable in size to that which has been hit in England

The disease is extremely deadly, with mortality normally running between 20 and 95 per cent Irwin previously reported that an infected flock of 10,000 birds might have a mortality of up to 500 birds per day

Death rates in foreign Newcastle outbreaks among birds vaccinated for the common strain of Newcastle disease which is well known to local producers have run from 10 to 23 per cent, according to the USDA

The disease, once established, is reported to be very easily spread from one flock to the next A farmer tending an infected flock could walk out of his building, a sparrow might land in his steps, and carry the disease to a neighboring farm, according to Irwin

The USDA is reported working with other regulatory agencies to bring pet and ornamental birds from Asia and Latin America, as well as illegially imported fighting cocks from Mexico and the Carribean, under tighter control It is believed that the disease is being brought into this country by way of the ornamental and game birds from countries which have the virulent Newcastle disease These ornamental birds account for only about two million total, a very tiny percentage of the total U S poultry population

In contrast, an outbreak in New Mexico involving only two farms infected some 850,000 chickens

Dr Jeszenka reported last week "Unless urgent measures are taken immediately, it is possible that the disease will occur in Pennsylvania"

His statement followed a meeting on how to prevent an epidemic in Pennsylvania and develop control measures should an outbreak occur The meeting included the following

Dr Jeszenka, Dr Edward T Mallinson director of the Poultry Division and Regional Laboratories of the Pennsylvania Bureau of Animal Industry, Dr Robert F Gentry, research pathologist of the Wiley Laboratory, Penn State University, Dr L Dwight Schwartz, Penn State Extension veterinarian, Dr G T Mainwaring, veterinarian in charge of Federal Animal Health Services, Dr Walter Hohlestein, Federal Services regional epidemiologist for poultry diseases, Dr H S Forney chief of Miscellaneous Diseases Division Pennsylvania Bureau of Animal Industry, Charles Dorssy, poultry dividsion Pennsylvania Bureau of Foods and Chemistry, and Homer J Bicksler, executive director of the Pennsylvania Poultry Federation

In his call for action on the state level Dr Jeszenka noted, "The income from poultry and poultry products in the Commonwealth is approximately $163 million annually The overall economic impact would be far greater if allied industry losses were included This deserves everybody s attention to maintain this level As a final reminder of the urgency of taking all precautions to keep our industry free of this threat—the mortality range is from 20 per cent to 90 per cent in affected flocks Simple mathematics means a minimum loss of $33 million or a maximum loss of $146 million could occur in the event of a statewide epidemic"

To make early detection possible and to avoid a massive outbreak, poultry producers are being urged to have sick birds checked at a state lab immediately

Irwin noted that cases of regular Newcastle disease continue to occur from time to time; this disease has no relationship to the foriegn strain Some seven cases of the regular Newcastle disease have been reported in Southeastern Pennsylvania since October No quarantine is being enforced in these cases and growers are being advised to continue usual procedures of treatment

Following the recent state meeting, Dr Jeszenka issued the following advice on prevention of the foreign Newcastle disease·

"When purchasing from out-of-state sources, demand a health certificate, signed by an approved veterinarian, indicating the birds are free from clinical signs of Newcastle disease, or exposure thereto, to accompany each shipment A copy of the approved certificate, signed by the chief livestock sanitary official of the state of origin must be forwarded to the Bureau of Animal Industry, Harrisburg, Pa 17120

"This has always been a requirement of the Bureau which has in the past been almost universally ignored If the requirement is not met in the face of the present threat, a complete embargo on birds or poultry imports from states with known infection of the disease, will be imposed if necessary"

Dr Jeszenks also emphasized the importance of sanitation and how easily the disease is spread as follows·

"Allow no direct or indirect contact with recently imported or purchased pet birds, fighting cocks, persons who might have been in contact with this type of bird, or persons owning any suspect or possible carrier sources Strict isolation and security measures such as change of clothing, disinfection of footwear, etc , are to every owners' advantage Screening of windows, vents, etc , to prevent contact with sparrows and starlings, is another precaution that may prevent the introduction of the disease, or prevent its spread from a flock that may become infected"

Is vaccination an adequate protection against the foreign Newcastle?

Dr. Jeszenka reports, "Previous information has pointed out that most immumization programs are not adequate to protect against this strain of Newcastle Disease. Twenty per cent to 40 per cent mortality may occur even in flocks that are on so-called "good" vaccination programs.

Still, vaccination apparently is partially effective

But Dr. Jeszenka recommended that the type of vaccine must be of the BI of LaSota strain Individual bird vaccination by eyedrop or intranasal drop is urged whenever possible

Vaccination must be done frequently to be effective The following schedule is recommended:

Broilers—once at 7 to 10 days of age and again at 4 to 4½ weeks.

Replacements (layers grown from chicks)—first time at 7 to 10 days of age; again at 4 to 4½ weeks, again at 10 weeks of age, at 16 weeks, and every 60 to 90 days thereafter

Brough-in-Pullets—immediate vaccination with mild IB vaccine (such as Sterwin Broilerbron) and B1 type combination vaccine, revaccinate 30 days later with regular Mass-Corn IB vaccine (such as Sterwin Polybron) in combination with B1 type LaSota strain ND vaccine, repeat every 60 to 90 days

Breeders and layers—if on routine program, revaccinate every 60 to 90 days, if not on program, start one the same as for brought-in-pullets.

Dr. Jeszenka also outlined the following 10 control measures.

1. When any Newcastle is suspected, acute respiratory symptoms and-or paralysis with high mortality, (respiratory symptoms may not be present - sudden mortality may be the only sign of disease), immediately take 5-6 typically ill birds to the nearest State Diagnostic Laboratory.

2. A presumptive diagnosis can be made in approximately 72 hours.

3 All suspect flocks will be placed under Federal-State surveillance until diagnosis is confirmed. All movement of poultry, or poultry products, from the suspect farm will be supervised by regulatory personnel

4 If viscerotropic Velogenic Newcastle is confirmed, a quarantine will be invoked. At the present time Federal-State funds are not available for indemnity purposes, however, they are being sought to assist in eradication, should the disease be diagnosed. All birds on an infected premises will be disposed of under official supervision.

5 The owner will be responsible for adequate disposal under official supervision.

6 All litter, leftover feed, and other expendable items will al be disposed of under offic supervision

7 The poultry house and equipment will be thoroughly cleaned and disinfected. State and Federal assistance will be provided where possible.

8. The infected farm will be kept vacant for 30 days following steps 6 and 7 Susceptible monitor birds will be used to determine if Newcastle virus has been eliminated from the premises.

9 A zone (five mile radius) around each contaminated premises will be established and maintained under State-Federal supervision

10. All poultry in this zone should be immediately revaccinated and vaccination should be repeated as outlined in section C under Preventive Measures. Vaccination at the owners' expense

Dr. Jeszenka observes that these control measures "may seem drastic and severe—they are"

But to an industry which recently cried the blues over 5 to 10 per cent mortality rates from Marek's, he urges, "Consider what might happen if an epidemic (of foreign Newcastle) occurs."

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WE HAD SOME PROBLEMS!

SOMETIMES BUT	We didn't have a part you needed MOST OF THE TIME, WE DID, and we have already placed our early orders for twine, AC & NH parts for 1972 Check your equipment for needed parts now
SOMETIMES BUT	We couldn't give prompt service MOST OF THE TIMES, WE DID. Our new service shop addition is nearly completed, Call our service foreman, Frank Ortleib, Lloyd Letever, George Knight or Clair Becker for winter service so your equipment will be ready to roll this Spring. These men represent a total New Holland and AC service experience of 60 years
SOMETIMES BUT	We didn't have enough capital to pay our bills We are told that most businesses (including farmers) have that problem. We want to express our appreciation to most of you who respond promptly to statements and delivery invoices
SOMETIMES BUT	We didn't follow up our equipment prospects usually we did, and we want to thank all or our customers for the patronage you have given us in 1971 As most of you know, our friendly salesman, Howard (Hob) Erb has had open heart surgery and was not able to be on the road for the last 5 months He has been recovering steadily and is now making some telephone and farm calls. If you are considering some new or used equipment, your visit or call will be appreciated
SURE, WE HAD BUT	PROBLEMS - SO DID YOU Most of our problems were your machinery problems which we helped to solve OUR BUSINESS IS TO SERVE YOU The Lord has been good to all of us this year in so many ways and we trust that He will continue to bless you-all as we work together to serve Him and our fellowmen in 1972.

ROY A. BRUBAKER

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PUBLIC SALE

OF VALUABLE FARM MACHINERY & TOOLS

SATURDAY, JAN. 15, 1972

at 10:30 A.M. E.S.T.

The undersigned having sold their farms will sell on the premises located approx, 3½ miles northeast of Stewartstown and 1 mile east of the Pleasant Valley Golf Course, in York Co., Pa. the following:

Farmall 460 tractor fully equipped & in Exc. cond., 2 pt. fast hitch Int. 3 - 16 in. bottom plow, Farmall H tractor in good cond., cultivators for H tractor, Ford 8-N (Red Belly) tractor in find cond recently overhauled, A.C Wd tractor with power steering & 3 pt. hitch adapter, Oliver Row Crop tractor, J.D. FB 15 disc grain drill, J.D. No 290 rubber tire trailer type corn planter, Oliver No. 33 10 ft. self-propelled combine, Massey-Harris Clipper No. 50 7 ft. combine with motor & electric starter, Int. No 250 mounted corn planter, J.D. No 6 forage harvester with 1 row cornhead & direct cut, Gelhl flail chopper 2 row with throwback, J.D. No 44 2-16 in. bottom plow, Int No 209 2-16 in bottom plow, Int. 8 ft. tractor disc harrow, Massey Harris 32 disc wheel carry disc harrow, Brady 2 row roto-beater, Int. 8 ft cultipacker, J D. tractor harrow, J.D 4 section pull type rotary hoe, New Holland No. 410 fertilizer spreader, Int PTO potato digger on rubber, J D 2 row potato digger, Case manure spreader, Coby 16 ft. bed rubber tire wagon with hydraulic dump, Int. 2 wheel trailer, J D No 8 7 ft mower, J D No 1 hay conditioner, Sunmaster 3 pt hitch 5 ft rotary mower, cyclone electric tractor seeder, Int Cub Cadet lawn & garden tractor with 42 in mower, David Bradley garden tractor & cultivators, Valk 7 ft snow plow fits Int. M or H tractor, air compressor with ½ HP motor, air paint sprayer & hose, 6 & 12 volt battery charger, 1-40 ft & 1-20 ft ext ladders, 7 in skill saw, rubber charger, rubber tire bag truck, pipe cutter, threader & vise set, 3 grease guns, hyd. jacks, 1 ton of 20-10-10 fertilizer, log chains, bench vise, block & tackles, 5 & 6 ft. step ladder, 19 electric poles. lg. pile of used lumber, used cinder & cement blocks, pile of used 1 in pipe, chicken feeders & nests, misc. hand tools & many items not mentioned.

Terms· cash or approved check

Glenn & Creda Hershner, Owners

Robert L. Sechrist, auctioneer Ph. 382-4379
John Hope Anderson, clerk

Not responsible for accidents
Lunch by Hopewell Pres. Church

TRY A CLASSIFIED AD – IT PAYS!

Diller Holstein Sale

Saturday, January 8, 1972

1:00 P.M. Sharp

Location — Along Route No. 222, 7 miles South of Lancaster, 6 miles North of Quarryville, Lancaster, Pa. at Carl Diller Barn.

35 — Head Registered Holsteins — 35
(few good grades included)

Fresh and many springing, young cows, 2 year olds with plenty of size and dairy type, pleasing udders, hand picked personally.

INCLUDED IN THIS SALE ARE

- **Spring Farm Master Maple dtr. — 3 yrs. 16,000M, 563F. She "Good Plus". Her dam has 16,000M, over 600F.**
- **MAYERS DARK LEADER DTR. — 2 YR. 369 DYS. 15,196M, 720F, 4.7%. 3 YR. 363 DYS, 16,545M, 766F, 4.6%. SHE CLASSIFIED "VERY GOOD". HER DAM 16,228M, 610F.**
- **KINGPIN DTR. — 5 YRS. OLD, CL. "VERY GOOD" 87. DUE SOON. 80 LB. COW.**
- **Spring Farm Reflection Ormsby dtr. — "Good Plus" 2 yr. 304 dys. 12,399M, 505F, 4.0%. Her dam 3 yrs. 15,534M, 602F, 3.88%.**
- **Kenevelyn Model Ranger dtr. — 4 yrs. 307 dys. 15,084M, 592F, 3.9%.**
- **(2) Glenafton Herdmaster dtrs. — 3 yrs. 15,000M, 600F; 2 yr. 11 Mo. 305 dys., 16,070M, 603F, dam 17,600M, 687F, 3.9%.**
- **Red & White Reg. Heifer sired by Summit View Citation S.**

Other daughters of the following Sires: Rosafe Shamrock Perseus, Esteem Duke, Glenafton Herdmaster, Dividend Clipper, Oak Ridges Regal Promoter, Penstate Star Man, Whirlhill Kingpin, Forest Lee Rocket Centurion, Sandsdale Fond Supreme, Bardhome Royle Supreme.

Through these series of sales, several cows have since classified "Very Good" for their owners.

Everett Kreider, Auct. SALE BY **CARL DILLER** 464-2233

Lunch Available

Barrows Getting Meatier, Ky. Study Shows

Since its beginning in 1960, the Louisville Barrow Show has seen a steady and marked improvement in carcass meatiness, accoring to Dennis Liptrap, Extension swine swpecialist for the University of Kentucky.

In comparing the average values for the top 20 prize-winning carcasses at the 1960 and 1971 shows, he found an 18 per cent increase in loin eye area from 4.89 square inches to 5.51 square inches and found essentially no change in the length of the carcasses!

The per cent of the chilled carcass composed of the four lean cuts was calculated from 1960 to 1967. This time period saw a seven per cent increase in per cent lean cuts from 56.8 per cent to 60.7 per cent.

Ham and loin per cent was reported from 1964 through 1971 and increased from 41.0 per cent to 46.2 per cent for a 13 per cent increase.

The first show in 1960 saw 64 barrows entered in the carcass show The first Grand Champion Carcass barrow was a Hampshire exhibited by the University of Kentucky. His carcass data was as follows: liveweight, 221 pounds; length, 30.1 inches; average backfat, 1.3 inches; loin eye area, 5.10 square inches, and per cent lean cuts, 56.3 per cent.

All eight major breeds and corssbreds are represented in the summary of prize-winning carcasses. The number of crossbred barrows exhibited at the show has grown each year and a crossbred barrow finally succeeded in winning the coveted Grand Champion Carcass honor in 1971. The barrow was exhibited by Paul Bailey of Murray, Kentucky, and had the following cutouts: liveweight, 210 pounds, length, 29.2 inches, average backfat, 1.03 inches; loin eye area, 7.89, and per cent ham and loin, 49.2 per cent. Over 250 barrows were slaughtered in the 1971 carcass contest

The Louisville Barrow Show has grown each year until it is the largest allbreed barrow show for fall farrowed animals, Liptrap said The 1972 show will be held on February 7, 8, and 9.

Records Program Available

Many farmers today do not know how much return they recieve for their management, labor, and capital and, therefore, judge a year's progress on how much money is in the bank

According to figures compiled by farm management specialists at Pennsylvania State University, the average net farm incomes on 642 Commonwealth dairy farms in 1967 was $14,139 The family labor income was $9,531

A good businessman will keep adequate records and study them to determine the profitability of the operation. This is necessary to determine whether adjustments should be made to increase profits

The Cooperative Extension Service offers an agricultural records program to help dairy farmers measure profits in their business. The program also calculates efficiency factors to assist in finding weak spots where changes are necessary.

For more details on how this program will help you, contact our Penn State Extension office in the Farm and Home Center, Lancaster.

Jay W Irwin,
Lancaster County
Associate Ag Agent

ALL DAY

CONSIGNMENT SALE

FRIDAY, JAN. 7, 1972
9:30 A.M.

on North Maple Avenue, Leola, ½ mile North of Route 23, watch for sale sign.

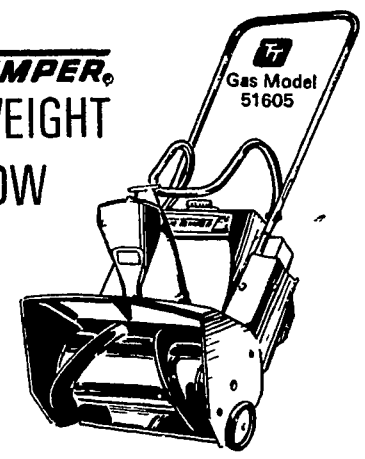
Variety of Tractors, Farm Machinery, Horse Drawn Implements, Lumber, New Hardware and Tools, etc.

SALE BY
DAVID H. GOOD

Frank & Paul Snyder, Auct.
Next sale Friday, Feb. 4, 1972
Not responsible for accidents.

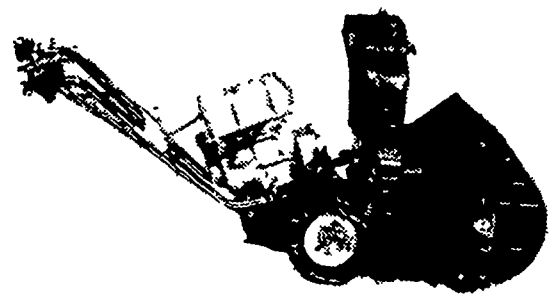
CALL Elmer Beiler

TRUE TEMPER
THE LIGHTWEIGHT POWER SNOW SHOVEL



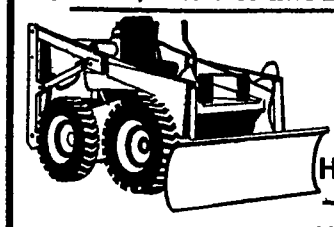
COME SNOW-

GO ARIENS SNO-THRO



CALL Bob or Les

BUY NOW AT THIS YEAR'S PRICES WITH NEXT YEAR'S TERMS.
On New, Used & Rental Tractors & Equipment



INTERNATIONAL
3200A LOADER
TRACTOR
HYDROSTATIC DRIVE

New Model Tractors Have Arrived
New IH Side Rakes 25 percent OFF
Used Super C Farmall with Cultivator.

Selling At old Price While They Last
John Bean Sprayers

PARTS DEPARTMENT

CALL Dick Bomberger

CALL US! IT COULD BE WE HAVE IT.

TINGLEY BOOTS and RUBBERS
ALL SIZES AVAILABLE
MENS BOOTS **RUBBERS**

SPECIAL STARTING FLUID
Large Can 11oz. reg $1.49 Our Price 1.15
Small Can 5 oz. reg. $1.25 Our Price 98c

WINDBREAKER SPECIAL
504-706-806-756 856-1026-
$65.00 complete
444-544-656-$75.00 Complete

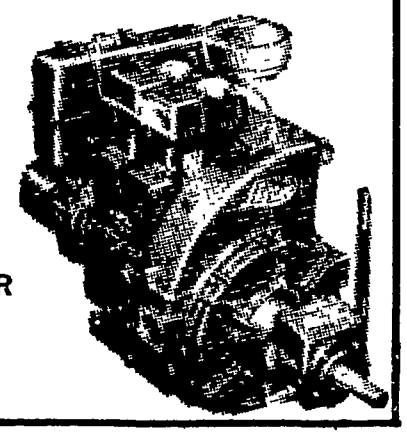
CALL Henry Esh

For Sales — Service — Parts

+ **Used 7½ H.P. Slow Speed Lister Engine Like New Special Price**
+ **New 7½ H.P. Slow Speed**
+ **Used 33 H.P. Lister Diesel**
+ **New Quincy Air Compressors**
+ **New Listers with Lima Generators**
+ **1-4½ H.P. Bamford Diesel Engine**
+ **Ask us about our new Automatic Control For Starter and Low Oil Protection.**

We Have Some Very Good Buys On Used Diesel Engines.

AREA DISTRIBUTOR FOR LISTER DIESEL ENGINES



CALL Titus Burkholder

CP MILKEEPER

BULKMILK COOLING TANKS
sizes from 500 to 1250 Gal. Check Our Prices
New Model Klenzate Bulk Tank Washer, 1500 series
500 Gal. ESCO Bulk Milk Tank M.C.D. 1-N.Y.

CALL Leroy Zook

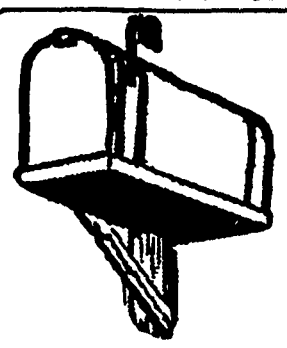
FOR DEMONSTRATOR
WEAVERLINE FEED CART AND LANCASTER SILOS
RYDER BARN EQUIPMENT

RADIO CONTROLLED TRUCKS FOR BETTER SERVICE

C. B. HOOBER & SON

Intercourse, Penn. **Phone 768-8231**

Mail Box Market



Notice - We are now ready to serve you in business, farm, wedding and family pictures We also do brochures, catalogues, etc Everett Newswanger, Photographer, Phone 394-4219.

For Sale - Shropshire and crossbred sheep, ewes, rams and lambs Reasonable priced Warn G Menhennett, Bryson Road, Cochranville Phone 215-593-5726

For Sale - 4 Registered Duroc Gilts bred to farrow in Jan 1 Registered Duroc Boar ready for service Call 267-2368

For Sale - 2 Surge 40 lb units, 2 bottom 16 in Oliver Hyd trailer trip plow Wanted - Small gas heater for milkhouse John A Hoover, East Earl RD No 2, Pa.

Wanted to Buy or Rent - 40-50 cow dairy farm from owner Roger Tucker, RFD No 2, Mohawk, N. Y 13407

For Sale - 1969 Black Buick, 4 dr Hardtop with Air Condition Phone 717-733-7541

For Sale - Allis Chalmers WD tractor rebuilt motor, clutch, etc belt pulley, painted, steers nice, new radiator, looks and runs good Phone 464-3883

Wanted to Buy - John Deere KBA disk, 20 disc preferred. Write Harvey S Martin, Mohler Church Road, RD No 3, Ephrata, Pa 17522

Wanted to Buy-or rent - Fresh milk goat Jacob S Esch, RD No 1, New Providence, Box 93, Pa 17560

For Sale - One 18 months old bull John B Zook, RD1, Kinzers, near Springville, Pa

For Sale - Generator 1500 watt Koehler 4 cylinder gas driven, very good condition Phone 609-769-3183

For Sale - 1 butcher hog 350 lbs , 1 electric floor polisher, 1 large Victoria chest type freezer Harry Reiff, 101 Glenbrook Road, Leola Pa 17540

ROACHES FLEAS - TICKS RATS or MICE

J. C. EHRLICH CO., INC.

1278 Loop Rd , Lanc

PHONE 397-3721

USED EQUIPMENT

Tractors JD 40, 2010 G, 3020 D, 4010 D, 4020 D, A-C WD, Oliver 70, 77
COMBINE - AC "G"
MANURE SPREADERS - JD 44, New Idea 175 bushel
NEW SPECIALS - JD 1520 Gas, JD 2020 Diesel JD 34 Manure Spreader, JD 400 Grinder-Mixer, Brady 80 TC 2-row Flail Shredder

Miller's Sales & Service, Inc.

Brady, Lely

York County's Progressive Dealer

Highway 851
Stewartstown, Pa.
Phone 717-993-2470

Mail Box Market

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Wants to Buy - Old Lancaster Fair Items, Post Cards, Pins or Pennants. Phone 872-2730 or write David H Brubaker, Conestoga RD No 1, Pa. 17516

Auctions

New Year's Day
Dairy Cattle Sale
Saturday, Jan. 1, 1972
at 1 P.M.

at our Dairy Barn on Cameron St., in Bath, N. Y. just off Rt. 15. As we have purchased a large dairy we will sell 85 Inter-State tested Holsteins, 35 cows (nearly all springing or fresh) with just a few good fall cows, 25 first calf Heifers (fresh and springing) 12 breeding age heifers, 12 younger heifers, 1 fancy stock bull. Also 2 good springing colored cows. A very good sale all the way through Cattle anyone would want to buy!!

RUMSEY SALES
Bath N Y
(607) 776-3478

REAL ESTATE
PUBLIC AUCTION

SAT. JAN 15, 1972
AT 12 NOON

16-Acre Feeder Pig Production Farm with modern home Two 40-sow farrowing houses, gestation houses, pig nursery, capacity 600 sows & 1500 pigs

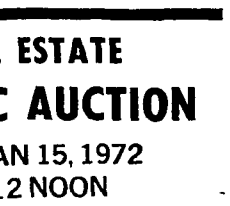
In addition to the real estate, 450 sows & approximately 1000 pigs will also be sold & Farm Machinery

FREE BROCHURE

Siloam Enterprises, Inc.
At Salisbury, Md.

Harry Ruduick & Sons, Inc.
Sales Managers & Autioneers
of Galena, Md.
Phone: (301) 648-5100

SELL YOUR BUTCHER HOGS DIRECT TO



ARMOUR CO.

READING, PA.

We will be glad to look at your hogs & bid you

Call AL SHAFFER At
(215) 376-2941
Evenings (215) 779-3847

Mail Box Market

Purebred Yorkshire boars, bred gilts and open gilts, carcass Championship bloodlines. Willow Glen Farm, RD1, Strasburg, Pa. Ph: AC 717-786-2562

Wanted - Carpenter Work - Amish - Will built houses, pole barns, cow barns, garages, or chicken houses. Write Samuel S. Lapp, Christiana, Pa. Box 274. 17509 Drivers phone 529-2841.

For Sale - 13 Large Grade Holstein Heifers, 3 from Bonus all artificial sires, due Feb. Phone 215-593-6143

Wants To Buy - Old Lancaster Fair Items, Post Cards, Pins or Pennants Phone 872-2730 or write David H. Brubaker, Conestoga RD1, Pa. 17516

Notice - We are now ready to serve you in business, farm, wedding and family pictures. We also do brochures, catalogues, etc. Everett Newswanger, Photographer, Phone 394-4219.

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For Sale - 2 Surge 40 lb. units, 2 bottom 16 in. Oliver Hyd. trailer trip plow. Wanted - Small gas heater for milkhouse. John A. Hoover, East Earl RD2, Pa.

Wants To Buy

FARMING ORGANICALLY? The Organic Market, 601 West Lemon Street, Lancaster will buy any produce grown without chemical fertilizers or insecticides. Send information and prices or call 397-4641.

Help Wanted

Help Wanted - Young married man wanted on modern dairy farm with house, good wages and other benefits. Start April 1, Elverson, Pa. Phone 215-286-9055.

Married or single man for dairy and hog operation. Farm experience needed. Good pay plus extra privileges. Start March 1. Phone 786-2839.

Feed

For Sale - Hay and Straw. Call 786-3215.

Feed & Seed

For Sale - Oats, Heavy, Bright. William B. Lytle, Box 123, New London, Pa. 19360, Phone 215-255-4506.

Miscellaneous

WOOD SHAVINGS. Ideal for work-ways and bedding. $12 per ton. Can be delivered in bulk loads of 10-12 tons. Less expensive than straw or tanbark. Contact Bob Geist at Leola Supply Co. Inc. Ph. 717-656-6811.

Instructions

SEMI DRIVER TRAINING
We are currently offering preparatory tractor trailer training. You can earn high wages, if you are willing to prepare yourself to drive to a better future. For application and interview, call 717-342-7644, or write United Systems Truck Driver School, Inc., c-o Herold Bldg., 215 Hickory Street, Scranton, Pennsylvania, 18505. Approved for Veteran Benefits. Our resident training originated in Indiana.

Dairy Equipment

225 gallon Girton.
400 gallon Girton round vacuum tank.
300 gallon Girton Tank MCD-1-Approved with Compressor.
300 gallon ESCO Tank with Compressor.

CLARK ELECTRIC
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Ph: Intercourse 768-8228

Livestock For Sale

Registered Duroc and Yorkshire boars open and bred gilts for sale at all times, popular bloodlines. Will deliver quantity lots, Duroc and Yorkshire cross gilts at times.

CALVIN H. LAZARUS & SONS
4290 Bridge St. Whitehall, Pa.
Lehigh Co., 18052
Phone 215-799-3375

Reg Yorkshire and Duroc service age boars, open gilts, (100) and bred gilts. Due in Feb., March and April. 3 Superior Certified litter service boars born 7-15-71. Sired by Tight Wound: Dam was Reserve Champ. female at Pa. Livestock Expo. 1969. At 149 days of age these boars weighed 240, 220, and 200 lbs. Delivery available.

LEON L. ARNOLD
1245 E. Cumberland St.
Lebanon, Pa. 17042
Ph. 717-273-5880

SPF origin Hybrids bred to meet demand of commercial producer. Excellent litter size and growth rate. Final cross is four-way cross which adds vigor and carcass quality. Jet Age Swine Breeders, Inc., Nicholas Kohut, Manager. 717-768-8378.

Hampshire and Yorkshire Service Age Boars and Bred Gilts. Contact John Strawbridge, Stewartstown, Pa. 17363, Phone 301-996-2022

So. Race St, Myerstown, Pa. Ph. 717-866-2138

SPECIALS OF THE MONTH

John Deere 4020 diesel with differental lock; J.D. 3020 gas with differental lock 500 hours; J.D. 2510 diesel, J.D. 2010 gas, J.D. 730 diesel, J.D. 720 diesel, J.D. 630 gas, J.D. 435 diesel, Farmall 806 with cab, Farmall 806 diesel, Farmall 706 gas, Farmall 706 diesel (rebuilt motor) International 424 gas with loader, International 660 diesel, Farmall 560 diesel, Farmall 560 gas, International 504 gas, Farmall 460 gas, International 544 utility gas with 1275 hours, Farmall 450 gas, Farmall 400 gas, Farmall 140 with fast hitch, Farmall Super A, Six Farmall cubs with attachments, International 300 utility with loader. New Ford 5000 Diesel with cab, used Ford 5000 diesel, Ford 4000 with loader, Ford 641 with loader, Ford 641, Ford 861, Ford 8N with loader, Ford 8N, Ford 9N with loader, Ford 9N, Ford 901, Ford Jubilee with loader. Allis Chalmers D19 diesel with 3 point, Allis Chalmers D19 diesel with snap coupler, A.C. D21 with cab, A.C. D17 series, IV diesel with 3 point, two A.C. D17 gas, A.C. WD45, Massey Ferguson 1100 diesel, M.F. 180 diesel, M.F. 65 diesel with loader, M.F. 135 gas, Massey Harris 44, Minneapolis Moline G706 4 wheel drive with cab, M.M. super 670 diesel, M.M. M5 diesel, M.M. U, Case 830 diesel (rebuilt motor), Case 900 diesel, Case 530 diesel, Case 530 gas, Case 930 LPgas, Case 630 gas, Case 930 diesel, two David Brown 990 diesel 12 speed with power steering, Oliver 1950T diesel, Oliver 1850 diesel, Oliver 1850 gas (rebuilt motor), Oliver 1650 diesel (rebuilt motor), Oliver super 88 diesel, Oliver Super 77 diesel, Oliver 88 diesel.

Large selection of used parts for late model tractors and equipment. If you are in need of any equipment not listed, please phone us, it is possible we may have it.

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Phone 394-3047 or 626-2191

Local Classified Advertising Rates

Use This Handy Chart To Figure Your Cost

Words	(1) Issue	(3) Issues
14 or Less	$1.00	$2.40
15	1.05	2.52
16	1.12	2.69
17	1.19	2.86
18	1.26	3.03
19	1.33	3.20
20	1.40	3.36

Call 394-3047 or 626 2191 to place your classified ad.

KEYED ADS (Ads with answer coming to a Box Number, % Lancaster Farming): 50c additional.

Ads running 3 or more consecutive times with no change billed at 20% discount with $1.00 minimum.

Deadline: Thursday of each week's publication.

Lancaster Farming
P. O. Box 266
Lititz, Pa.

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Stark Bro's NEWEST Catalog FREE! Full-color display of full-size Apples, Peaches, Nectarines, Pears, Cherries, Apricots, Plums from DWARF, Semi-Drarf, Standard Size trees. Ornamentals, Roses, Vines. Starke Bro's. D28512, Louisiana, Missouri 63353.

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Demo. John Deere F 350 4-16" Power reset plow
Special $1450.
ELMER E. PLASTERER, INC.
26 Evergreen Rd.-Lebanon, Pa.
(717) 273-2616

MANURE PITS

36 ft., 48 ft. & 60 ft. Diameter 12 ft. Dip circular precast concrete with Gunite coated interior.

Zimmerman Industries, Inc.
RD#1 Ephrata, Pa. 17522
733-6166

AEROBIC BACTERIAL

Seed-Stock

Helps control
ODORS-FLIES-DISEASES
Organically in
chicken houses, hog pens, barns and kennels.

Also
Helps keep cesspools and drain fields open.

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Box 230
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Farm Equipment

Used MC Rotary Scythe
Farmall 460 Tractor,
Used tank Spreaders
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New Providence 786-7351

Loader for Farmall Tractor
M.F. 175 Diesel Tractor
Farmall 656 Tractor
IH No. 30 G.D. Manure Spreader
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Fickes Silos and Badger Feeding Equipment.
Speedy Corn Cribs.
GRUMELLI FARM SERVICE
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"AC STANDBY GENERATORS. Tractor PTO or engine drive. Single or three phase reconnectable. Free brochure. Katolight, Box 939, Mankato, Minnesota 56001"

50 Rear Farm Tires for quick sale.
End of year clearance
We have a lot of blemish tires, most sizes in stock
MUMMAU TIRE SERVICE
Mount Joy, Pa.
Phone 653-1260

INVENTORY SALE
New McCulloech Chain Saws
Power MAC 6A
Reduced from $195.95 to $170.95
A. B. C. Groff, Inc.
110-112 S. Railroad Ave.
New Holland, Pa.
354-4191

2 used Welders - 180 amp Lincoln Welder, Good Condition, Reg. $145.00, Sale $49.50; 310 amp Twentieth Century Welder, excellent condition, Reg. Price $295.00 Sale $199.95 with battery charger. Phone 397-4761.

Robert K. Rohrer

Bulldozing - Grading
Patz Sales & Service

Barn Cleaners - Silo Unloaders - Cattle Feeders

Quarryville, R. D. 1
Hensel 548-2559

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Starline Labor Savers
Feed Lot Planning

Sales & Service by
J. SAMUEL SHERER
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Phone 717-653-5207
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FEED BUNK OR MANGER
2" x 8" x 16" and 2" x 5" x 12"

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Ephrata, Pa. 17522
(Farmersville)

Phone
Bus. 717-354-4275

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Pickup Camper Caps
44" Barn Fan for Corn or Hay
520 JD, fully equipped,
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8N Ford Tractor,
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Snow blade to fit IH Loader
All size tractor chains
ELWOOD FLOWERS
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USED FARM EQUIPMENT
SPREADERS-Starline, galv., NH tank, NH, Case, and JD flatbeds
TRACTORS-MM 445 w-Ind Loader, AC D 10, WD 45 w-plow & cults
LAWN TRACTORS-10 and 6½ H.P.
JEEP STATION WAGON-4 wheel drive

ROY A. BRUBAKER
SALES * SERVICE
700 Woodcrest Ave.
RD No. 3 Lititz, Pa.
Ph: 626-7766

For Rent — Cement Finisher — $13.00 per day. Sander—$15.00 per day.
Howard Groff Co.
111 E. 8th St.
Quarryville, Pa. 17566

We are taking Baler Twine orders for Feb. Delivery.
Special Order Discount Price
$6.75 per Bale

Special prices on new And good used late Model New Idea Manure Spreaders.

New 18.4x38 rear Tractor Tires $395.00 per pair.

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